

Data Path : Z:\svoasrv\HPCHEM1\BNA_G\Data\BG090425\
 Data File : BG064283.D
 Acq On : 4 Sep 2025 15:01
 Operator : RC/JU
 Sample : Q3003-01MS
 Misc :
 ALS Vial : 6 Sample Multiplier: 1

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 15:39:06 2025

Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M

Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION

QLast Update : Thu Aug 28 17:41:58 2025

Response via : Initial Calibration

Compound	R.T.	QIon	Response	Conc	Units	Dev(Min)

Internal Standards						
1) 1,4-Dichlorobenzene-d4	7.855	152	30578	20.000	ng	0.00
21) Naphthalene-d8	10.640	136	135975	20.000	ng	#-0.01
39) Acenaphthene-d10	14.482	164	94592	20.000	ng	0.00
64) Phenanthrene-d10	17.220	188	216727	20.000	ng	0.00
76) Chrysene-d12	21.457	240	219333	20.000	ng	0.00
86) Perylene-d12	24.465	264	242390	20.000	ng	0.00
System Monitoring Compounds						
5) 2-Fluorophenol	5.446	112	221834	130.156	ng	0.00
7) Phenol-d6	7.026	99	302571	129.220	ng	0.00
23) Nitrobenzene-d5	9.006	82	212192	87.031	ng	-0.01
42) 2,4,6-Tribromophenol	15.969	330	175356	139.959	ng	0.00
45) 2-Fluorobiphenyl	13.107	172	536494	86.570	ng	0.00
79) Terphenyl-d14	19.841	244	947126	90.093	ng	0.00
Target Compounds						Qvalue
2) 1,4-Dioxane	3.354	88	25204	35.479	ng	94
3) Pyridine	3.742	79	70496	33.712	ng	# 59
4) n-Nitrosodimethylamine	3.660	42	60147	43.485	ng	95
6) Aniline	7.185	93	73910	22.826	ng	98
8) 2-Chlorophenol	7.420	128	101088	48.537	ng	97
9) Benzaldehyde	6.991	77	39856	20.683	ng	97
10) Phenol	7.056	94	123506	47.842	ng	94
11) bis(2-Chloroethyl)ether	7.279	93	79944	41.210	ng	98
12) 1,3-Dichlorobenzene	7.743	146	103998	46.937	ng	97
13) 1,4-Dichlorobenzene	7.890	146	103777	46.409	ng	97
14) 1,2-Dichlorobenzene	8.207	146	103108	47.776	ng	96
15) Benzyl Alcohol	8.090	79	99037	45.833	ng	93
16) 2,2'-oxybis(1-Chloropr...	8.378	45	161800	36.532	ng	97
17) 2-Methylphenol	8.295	107	83891	43.603	ng	96
18) Hexachloroethane	8.936	117	39072	44.762	ng	92
19) n-Nitroso-di-n-propyla...	8.660	70	71540	39.921	ng	93
20) 3+4-Methylphenols	8.624	107	115211	43.095	ng	94
22) Acetophenone	8.672	105	152098	44.214	ng	# 98
24) Nitrobenzene	9.048	77	114588	44.983	ng	99
25) Isophorone	9.570	82	207759	41.001	ng	98
26) 2-Nitrophenol	9.758	139	53856	48.928	ng	88
27) 2,4-Dimethylphenol	9.823	122	99925	51.708	ng	98
28) bis(2-Chloroethoxy)met...	10.052	93	112855	41.304	ng	97
29) 2,4-Dichlorophenol	10.293	162	100213	49.147	ng	97
30) 1,2,4-Trichlorobenzene	10.505	180	107351	49.932	ng	97
31) Naphthalene	10.693	128	311069	44.117	ng	97
32) Benzoic acid	9.988	122	80535m	52.500	ng	
33) 4-Chloroaniline	10.798	127	37620	13.766	ng	93
34) Hexachlorobutadiene	10.986	225	76849	48.356	ng	# 88
35) Caprolactam	11.580	113	32609m	41.302	ng	
36) 4-Chloro-3-methylphenol	11.932	107	121603	45.965	ng	96
37) 2-Methylnaphthalene	12.303	142	213233	40.685	ng	97
38) 1-Methylnaphthalene	12.520	142	224333	43.335	ng	99
40) 1,2,4,5-Tetrachloroben...	12.673	216	136168	49.892	ng	99
41) Hexachlorocyclopentadiene	12.655	237	181167	139.667	ng	96
43) 2,4,6-Trichlorophenol	12.914	196	92345	50.622	ng	91

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Instrument :
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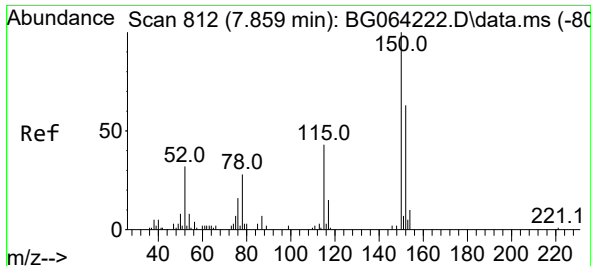
Manual Integrations
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Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

Quant Time: Sep 04 15:39:06 2025
 Quant Method : Z:\svoasrv\HPCHEM1\BNA_G\Methods\8270-BG082825.M
 Quant Title : ASP BNA STANDARDS FOR 5 POINT CALIBRATION
 QLast Update : Thu Aug 28 17:41:58 2025
 Response via : Initial Calibration

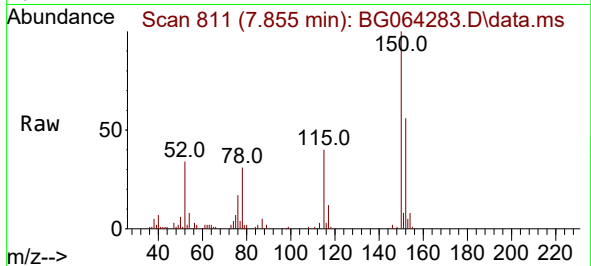
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44) 2,4,5-Trichlorophenol	12.984	196	99224	50.142	ng	97
46) 1,1'-Biphenyl	13.313	154	320552	46.527	ng	98
47) 2-Chloronaphthalene	13.354	162	237488	45.851	ng	96
48) 2-Nitroaniline	13.554	65	85862	48.637	ng	95
49) Acenaphthylene	14.200	152	394070	51.468	ng	97
50) Dimethylphthalate	13.942	163	306481	42.806	ng	100
51) 2,6-Dinitrotoluene	14.053	165	68426	49.366	ng	98
52) Acenaphthene	14.547	154	243642	45.091	ng	98
53) 3-Nitroaniline	14.382	138	41699	28.720	ng	97
54) 2,4-Dinitrophenol	14.594	184	96406	104.586	ng	# 83
55) Dibenzofuran	14.882	168	391719	46.090	ng	97
56) 4-Nitrophenol	14.700	139	118839	99.780	ng	90
57) 2,4-Dinitrotoluene	14.841	165	103822	49.538	ng	# 94
58) Fluorene	15.528	166	326199	46.828	ng	99
59) 2,3,4,6-Tetrachlorophenol	15.105	232	100972	53.052	ng	97
60) Diethylphthalate	15.305	149	331930	43.318	ng	99
61) 4-Chlorophenyl-phenyle...	15.522	204	160268	46.145	ng	98
62) 4-Nitroaniline	15.546	138	70046	47.278	ng	98
63) Azobenzene	15.816	77	336575	49.282	ng	96
65) 4,6-Dinitro-2-methylph...	15.605	198	68651	55.173	ng	97
66) n-Nitrosodiphenylamine	15.740	169	282417	47.370	ng	98
67) 4-Bromophenyl-phenylether	16.415	248	111645	48.501	ng	97
68) Hexachlorobenzene	16.533	284	122542	47.938	ng	94
69) Atrazine	16.692	200	119597	48.043	ng	96
70) Pentachlorophenol	16.874	266	170377	109.924	ng	92
71) Phenanthrene	17.267	178	637909	55.806	ng	99
72) Anthracene	17.355	178	549505	47.258	ng	99
73) Carbazole	17.626	167	485803	47.427	ng	99
74) Di-n-butylphthalate	18.190	149	573286	46.584	ng	99
75) Fluoranthene	19.277	202	832099	61.909	ng	98
77) Benzidine	19.453	184	74321	16.108	ng	97
78) Pyrene	19.635	202	807627	58.446	ng	99
80) Butylbenzylphthalate	20.534	149	254673	48.864	ng	92
81) Benzo(a)anthracene	21.433	228	766323	54.613	ng	100
82) 3,3'-Dichlorobenzidine	21.351	252	73303	16.040	ng	99
83) Chrysene	21.498	228	724115	53.753	ng	99
84) Bis(2-ethylhexyl)phtha...	21.363	149	376359	48.098	ng	98
85) Di-n-octyl phthalate	22.502	149	657256	48.206	ng	97
87) Indeno(1,2,3-cd)pyrene	27.873	276	872399	52.703	ng	# 97
88) Benzo(b)fluoranthene	23.525	252	788825	57.662	ng	99
89) Benzo(k)fluoranthene	23.583	252	737256	52.899	ng	# 97
90) Benzo(a)pyrene	24.330	252	717378	56.373	ng	98
91) Dibenzo(a,h)anthracene	27.925	278	662768	49.867	ng	98
92) Benzo(g,h,i)perylene	28.930	276	703986	54.435	ng	96

(#) = qualifier out of range (m) = manual integration (+) = signals summed



#1
1,4-Dichlorobenzene-d4
Concen: 20.000 ng
RT: 7.855 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

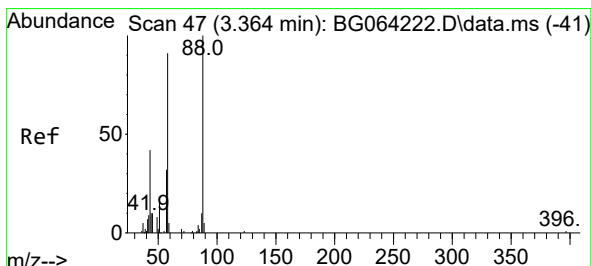
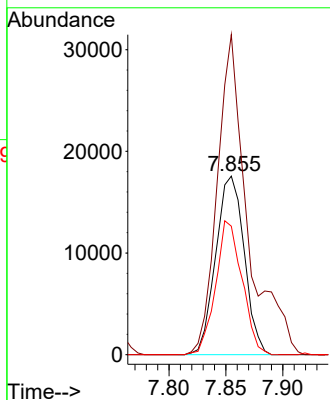
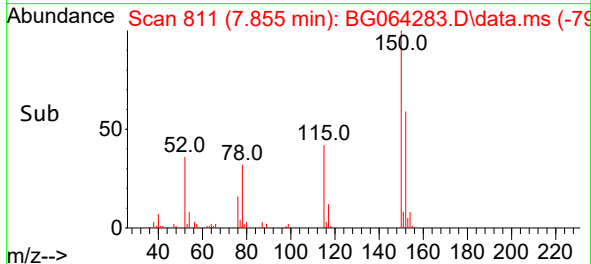
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion:152 Resp: 30578
Ion Ratio Lower Upper
152 100
150 179.1 128.0 192.0
115 71.9 55.7 83.5

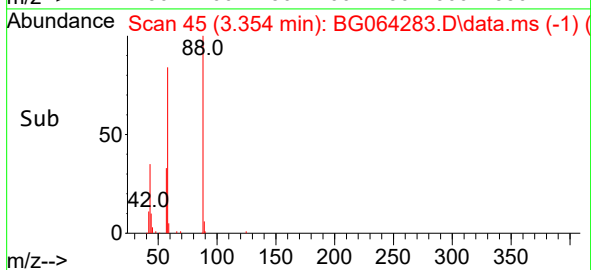
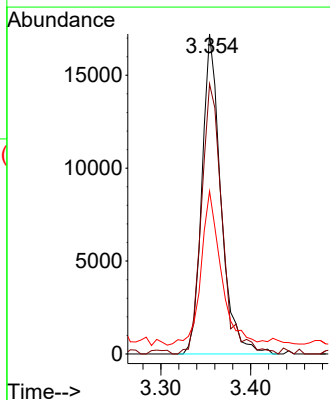
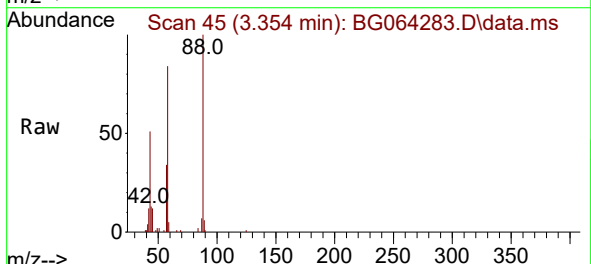
Manual Integrations
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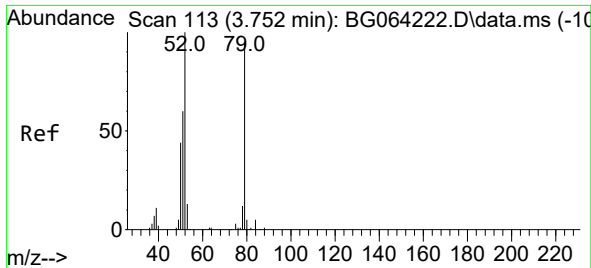
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#2
1,4-Dioxane
Concen: 35.479 ng
RT: 3.354 min Scan# 45
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

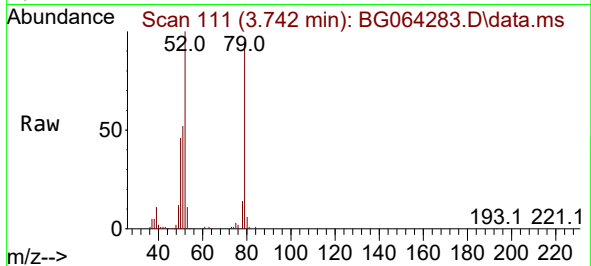
Tgt Ion: 88 Resp: 25204
Ion Ratio Lower Upper
88 100
58 92.5 80.8 121.2
43 51.0 40.3 60.5





#3
Pyridine
Concen: 33.712 ng
RT: 3.742 min Scan# 113
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

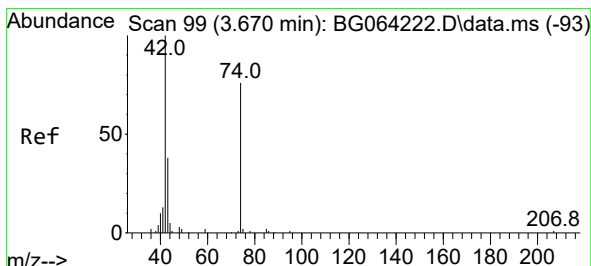
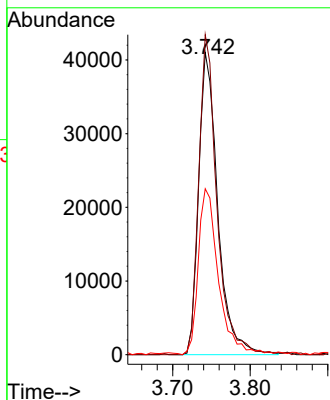
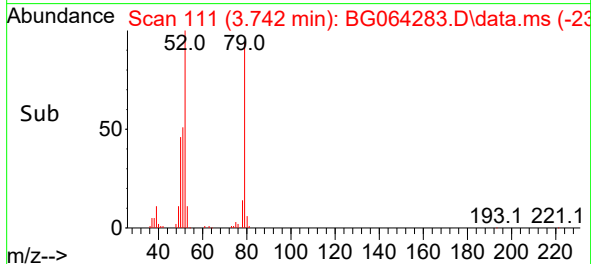
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion: 79 Resp: 70490
Ion Ratio Lower Upper
79 100
52 105.9 86.6 129.8
51 54.9 114.1 171.1

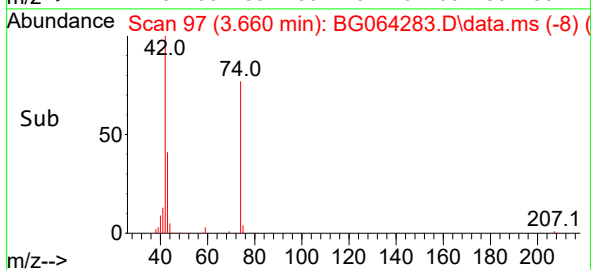
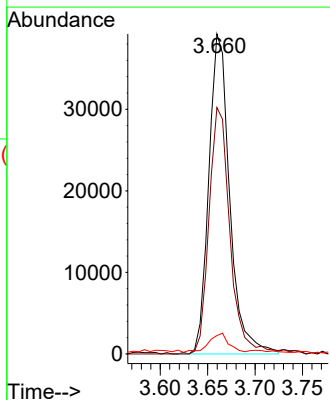
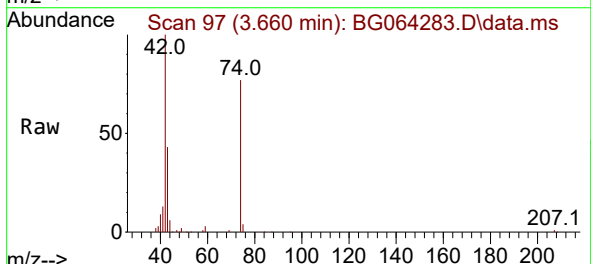
Manual Integrations
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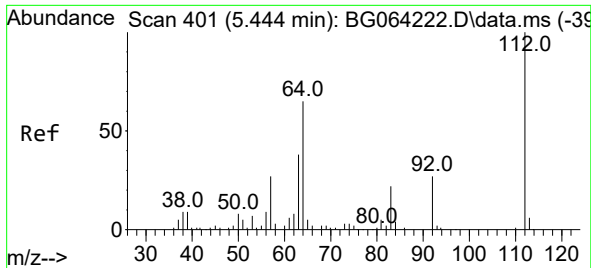
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#4
n-Nitrosodimethylamine
Concen: 43.485 ng
RT: 3.660 min Scan# 97
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

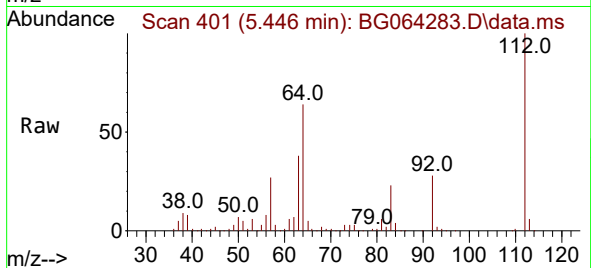
Tgt Ion: 42 Resp: 60147
Ion Ratio Lower Upper
42 100
74 77.0 58.0 87.0
44 5.8 5.5 8.3





#5
2-Fluorophenol
Concen: 130.156 ng
RT: 5.446 min Scan# 401
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

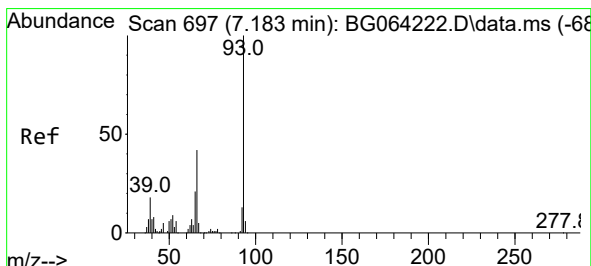
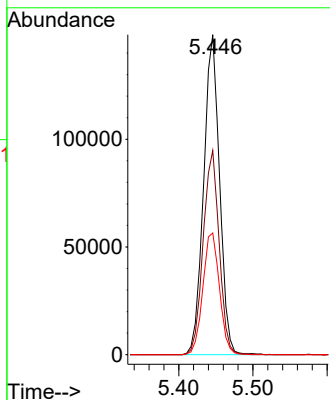
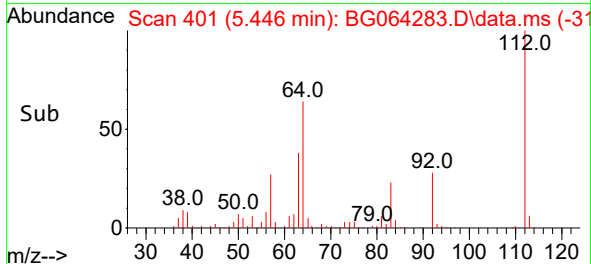
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ClientSampleId :
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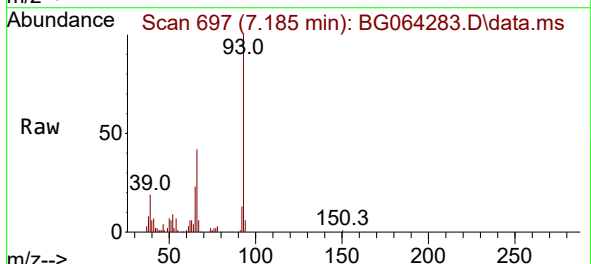
Tgt Ion: 112 Resp: 221834
Ion Ratio Lower Upper
112 100
64 63.8 51.8 77.6
63 38.0 30.6 45.8

Manual Integrations
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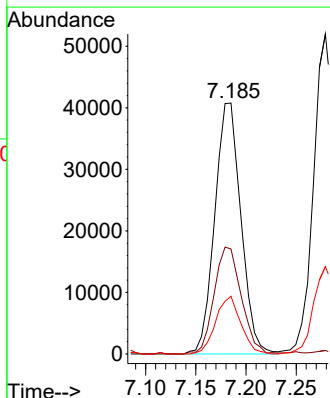
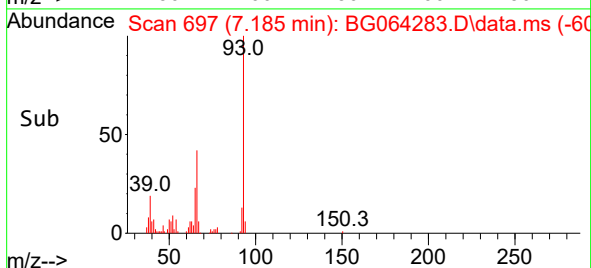
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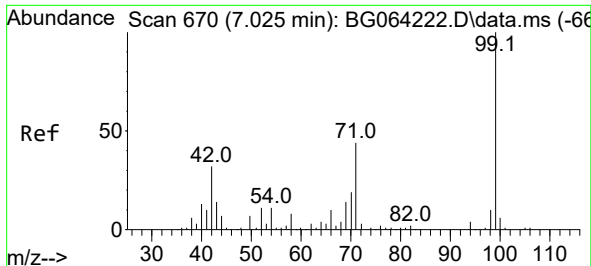


#6
Aniline
Concen: 22.826 ng
RT: 7.185 min Scan# 697
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



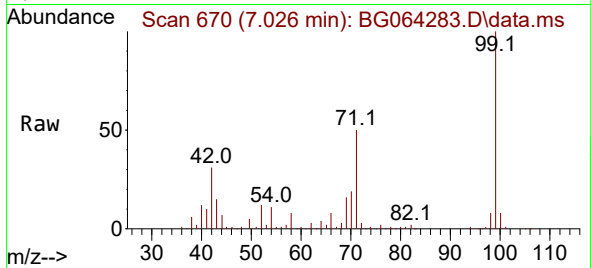
Tgt Ion: 93 Resp: 73910
Ion Ratio Lower Upper
93 100
66 41.8 33.8 50.8
65 23.0 16.9 25.3





#7
Phenol-d6
Concen: 129.220 ng
RT: 7.026 min Scan# 61
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

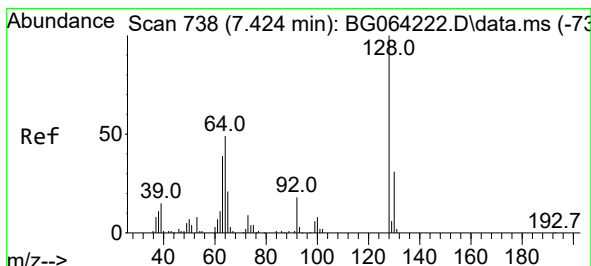
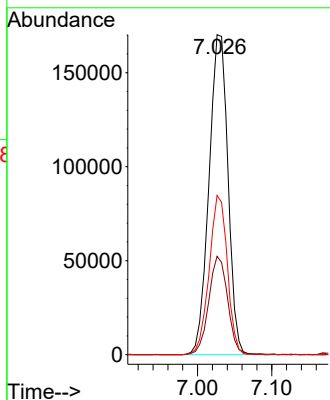
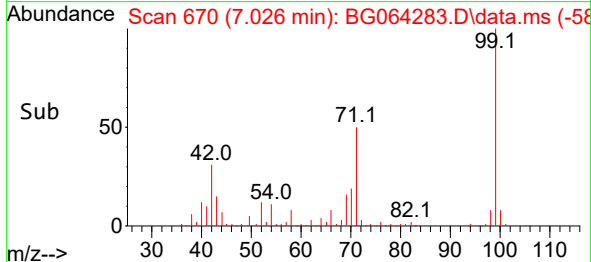
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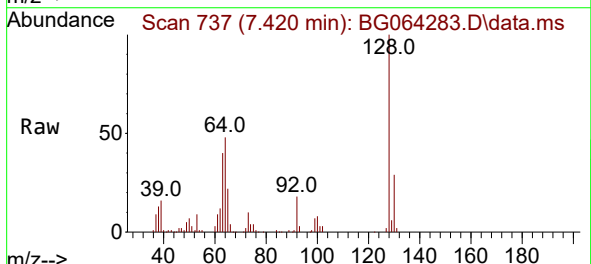
Tgt Ion: 99 Resp: 30257
Ion Ratio Lower Upper
99 100
42 30.7 25.8 38.8
71 49.8 35.2 52.8

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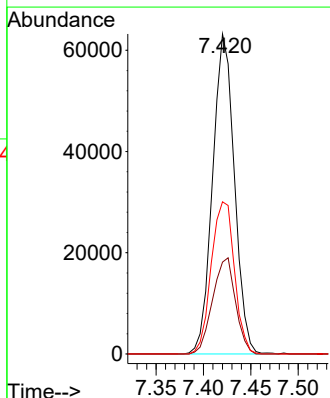
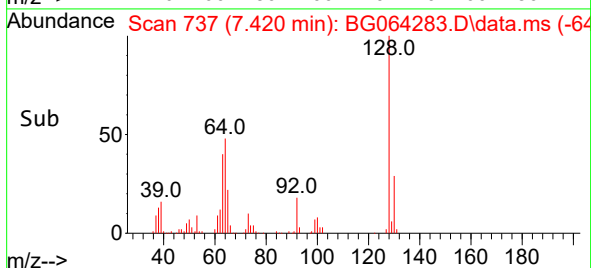
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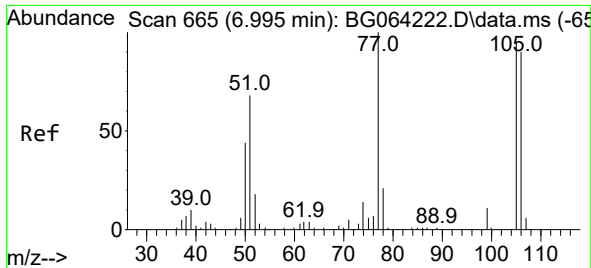


#8
2-Chlorophenol
Concen: 48.537 ng
RT: 7.420 min Scan# 737
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:128 Resp: 101088
Ion Ratio Lower Upper
128 100
130 28.7 10.9 50.9
64 47.6 28.7 68.7





#9
Benzaldehyde
Concen: 20.683 ng
RT: 6.991 min Scan# 60
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

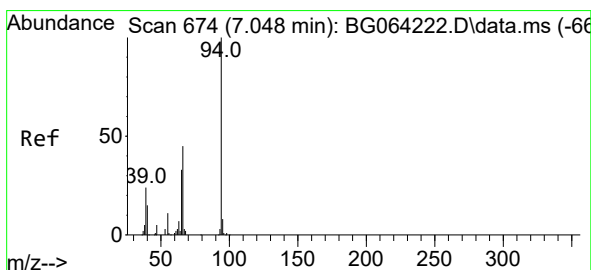
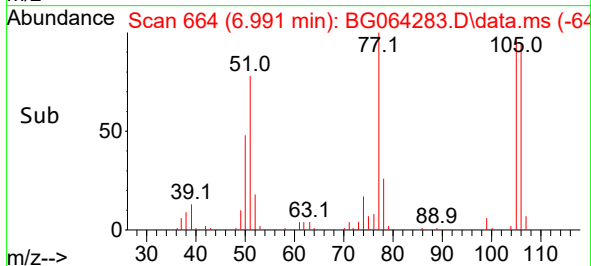
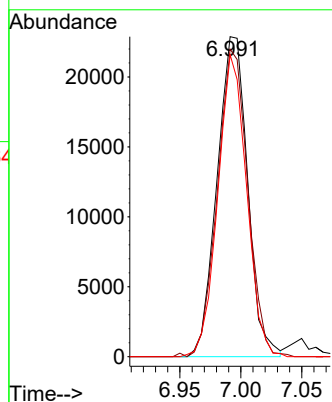
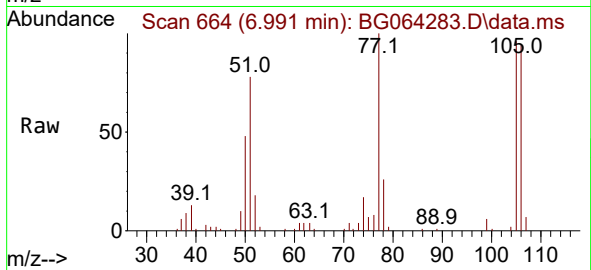
VNJ-231MS

Tgt Ion: 77 Resp: 3985
Ion Ratio Lower Upper
77 100
105 96.1 75.2 115.2
106 94.4 69.6 109.6

Manual Integrations

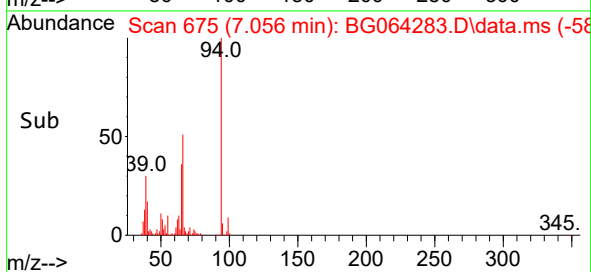
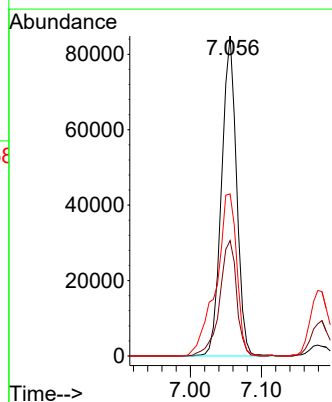
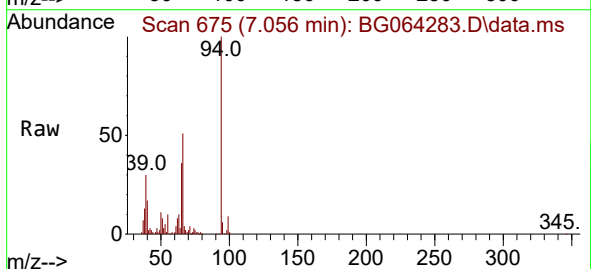
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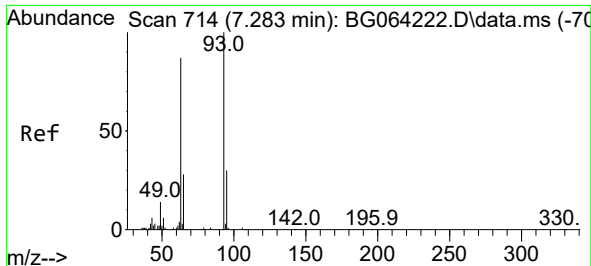
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#10
Phenol
Concen: 47.842 ng
RT: 7.056 min Scan# 675
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

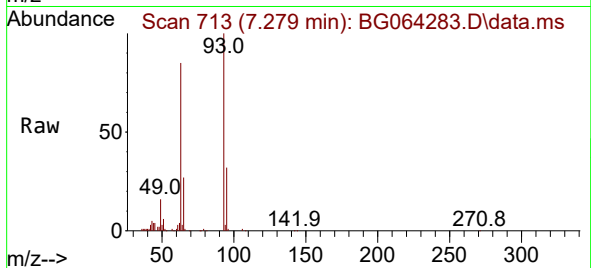
Tgt Ion: 94 Resp: 123506
Ion Ratio Lower Upper
94 100
65 36.1 13.5 53.5
66 50.6 26.2 66.2





#11
bis(2-Chloroethyl)ether
Concen: 41.210 ng
RT: 7.279 min Scan# 714
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

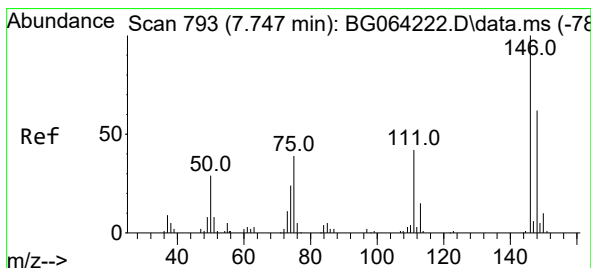
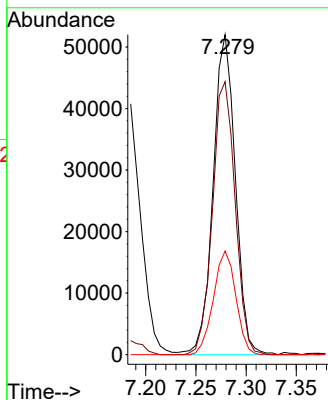
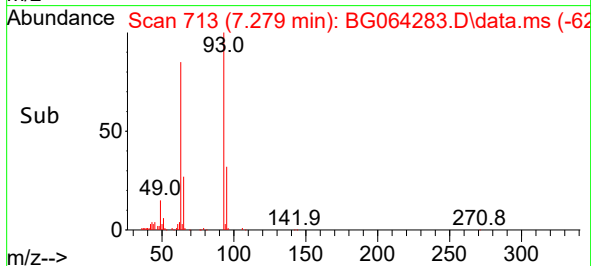
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion: 93 Resp: 79944
Ion Ratio Lower Upper
93 100
63 85.3 66.2 106.2
95 32.4 9.8 49.8

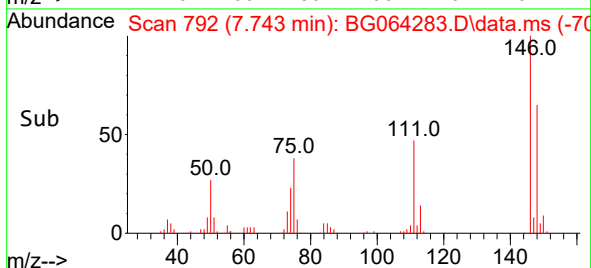
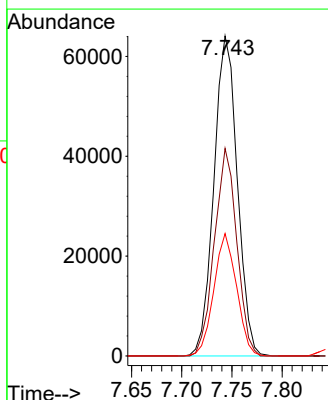
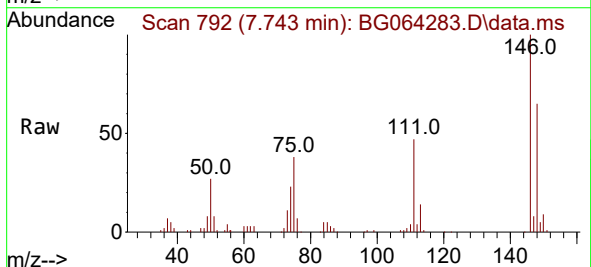
Manual Integrations
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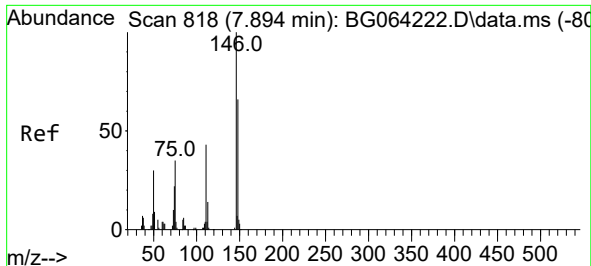
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#12
1,3-Dichlorobenzene
Concen: 46.937 ng
RT: 7.743 min Scan# 792
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion:146 Resp: 103998
Ion Ratio Lower Upper
146 100
148 64.8 49.6 74.4
75 38.3 31.0 46.6





#13

1,4-Dichlorobenzene

Concen: 46.409 ng

RT: 7.890 min Scan# 818

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

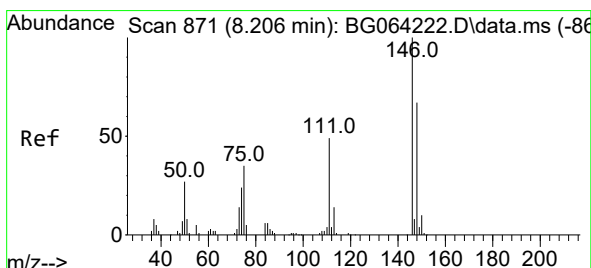
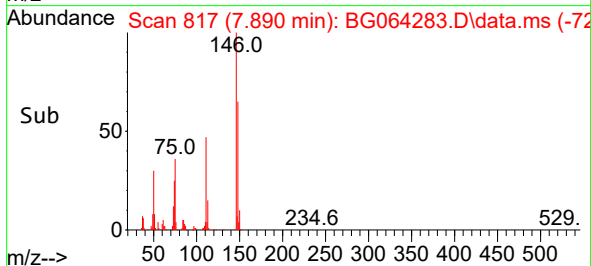
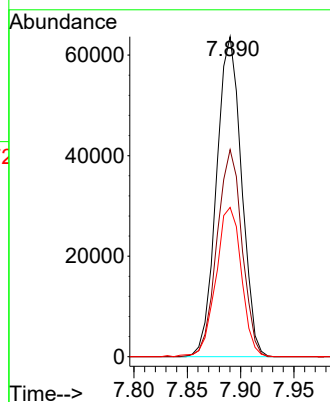
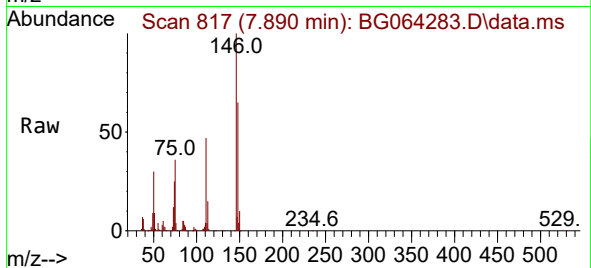
Tgt Ion:146 Resp: 10377
 Ion Ratio Lower Upper
 146 100
 148 64.7 52.8 79.2
 111 46.6 34.1 51.1

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#14

1,2-Dichlorobenzene

Concen: 47.776 ng

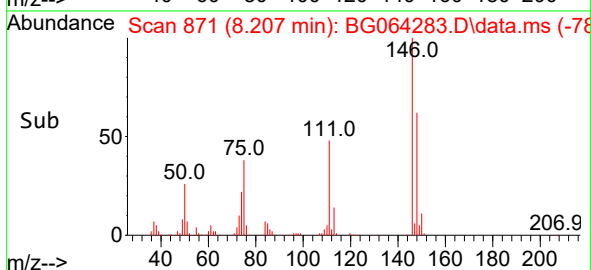
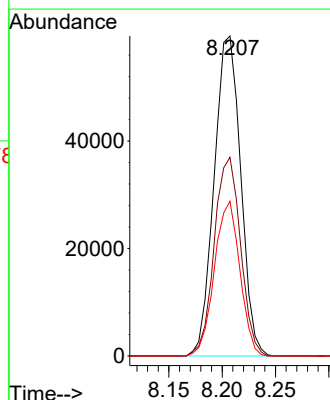
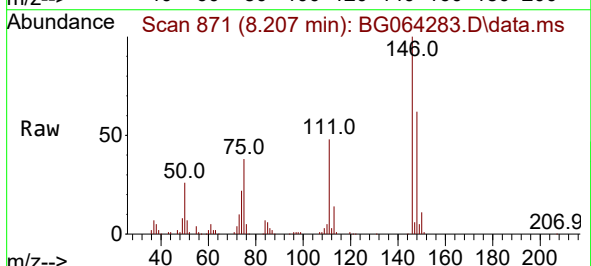
RT: 8.207 min Scan# 871

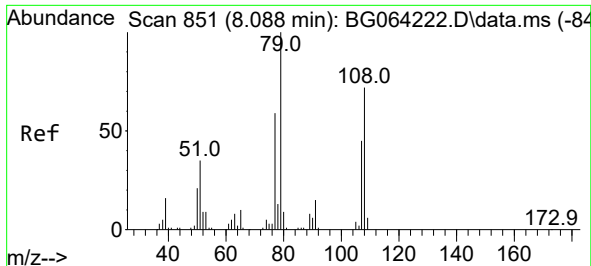
Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Tgt Ion:146 Resp: 103108
 Ion Ratio Lower Upper
 146 100
 148 62.1 53.4 80.0
 111 48.3 39.1 58.7





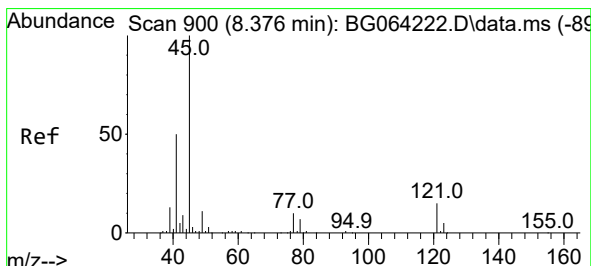
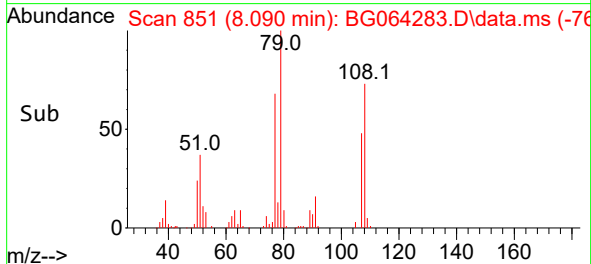
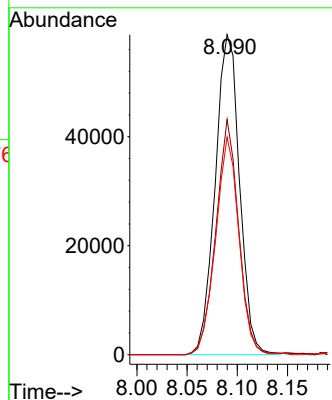
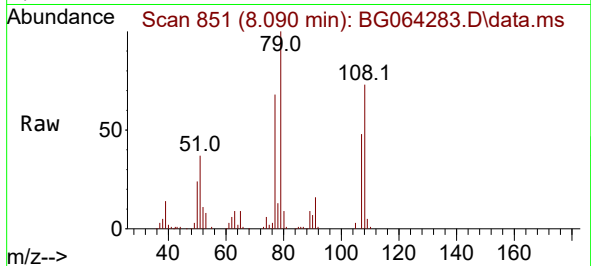
#15
Benzyl Alcohol
Concen: 45.833 ng
RT: 8.090 min Scan# 81
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Tgt Ion: 79 Resp: 9903
Ion Ratio Lower Upper
79 100
108 73.5 57.4 86.0
77 68.0 47.2 70.8

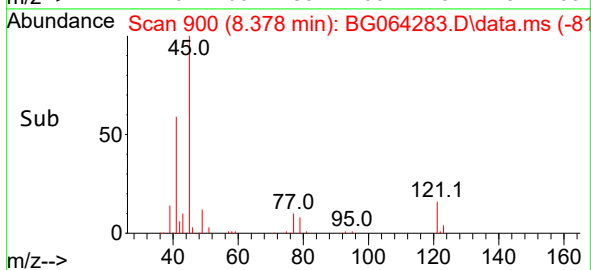
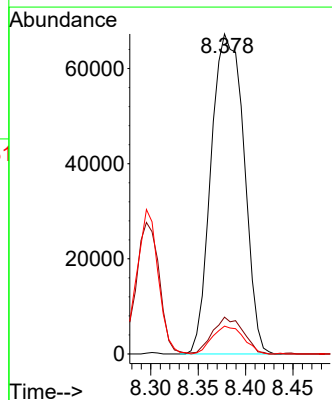
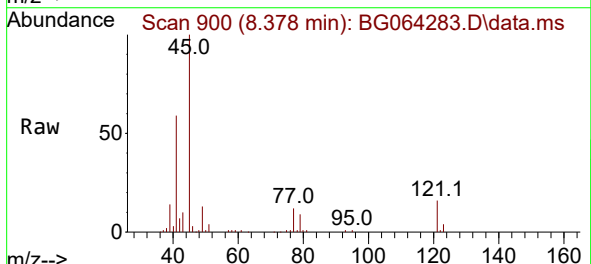
Manual Integrations
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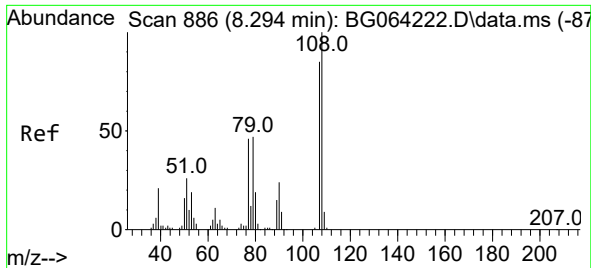
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#16
2,2'-oxybis(1-Chloropropane)
Concen: 36.532 ng
RT: 8.378 min Scan# 900
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion: 45 Resp: 161800
Ion Ratio Lower Upper
45 100
77 11.5 0.0 30.0
79 8.7 0.0 27.9





#17
2-Methylphenol
Concen: 43.603 ng
RT: 8.295 min Scan# 886
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

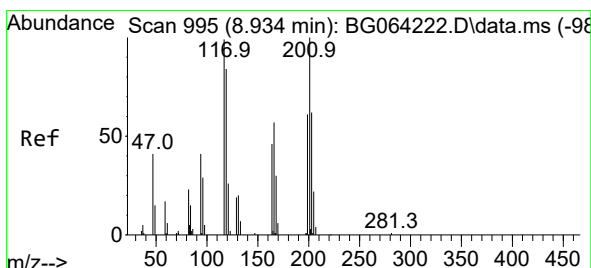
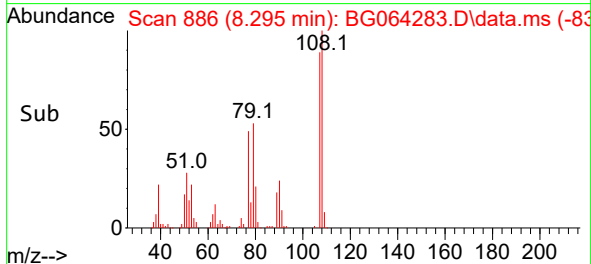
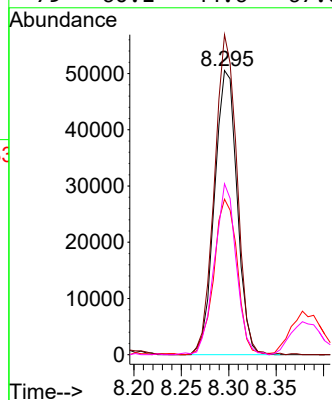
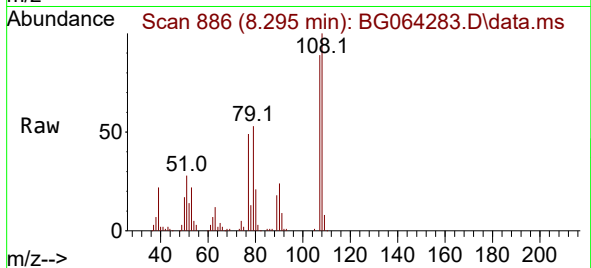
VNJ-231MS

Tgt Ion:107 Resp: 8389
Ion Ratio Lower Upper
107 100
108 112.6 94.6 141.8
77 54.7 43.7 65.5
79 60.1 44.6 67.0

Manual Integrations

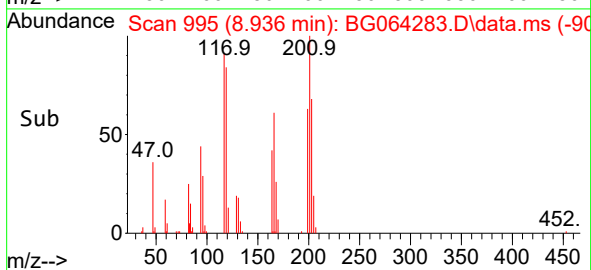
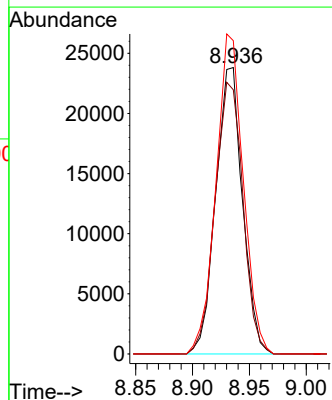
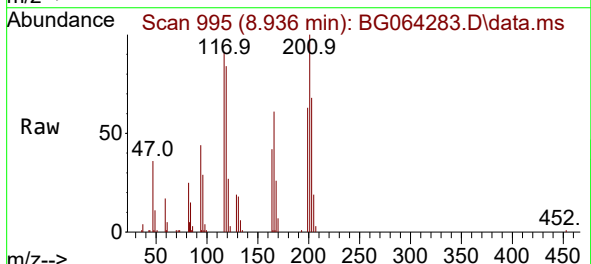
APPROVED

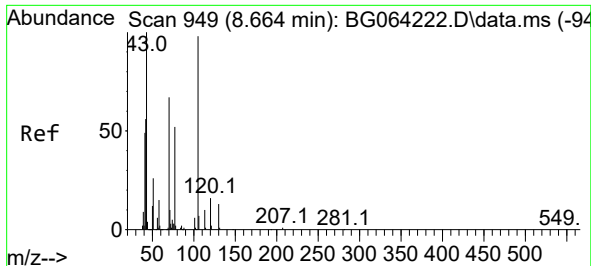
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#18
Hexachloroethane
Concen: 44.762 ng
RT: 8.936 min Scan# 995
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

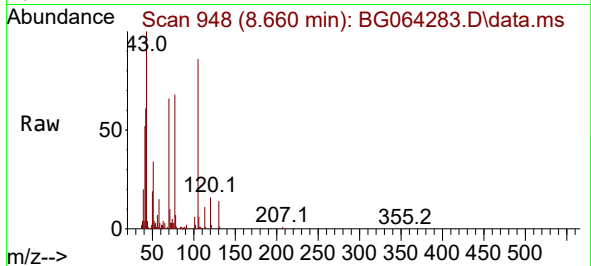
Tgt Ion:117 Resp: 39072
Ion Ratio Lower Upper
117 100
119 92.3 67.9 101.9
201 109.4 80.5 120.7





#19
n-Nitroso-di-n-propylamine
Concen: 39.921 ng
RT: 8.660 min Scan# 949
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

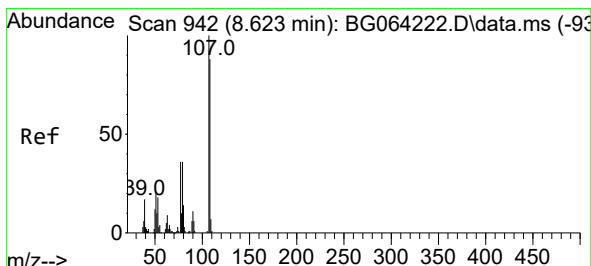
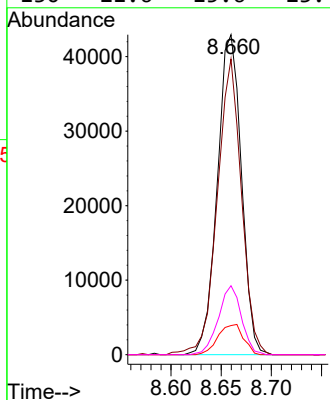
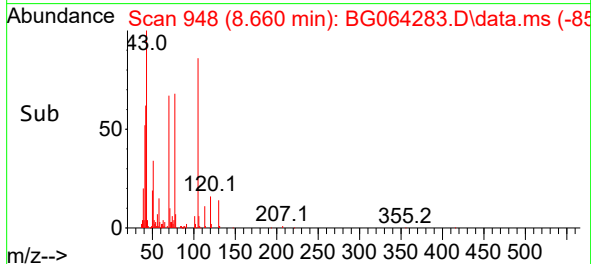
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



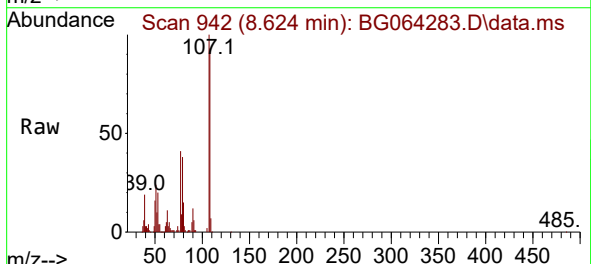
Tgt Ion: 70 Resp: 71540
Ion Ratio Lower Upper
70 100
42 92.4 67.9 101.9
101 9.1 7.3 10.9
130 21.6 15.6 23.4

Manual Integrations
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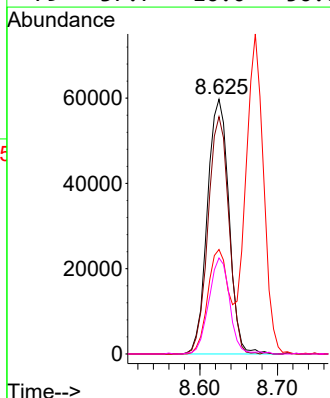
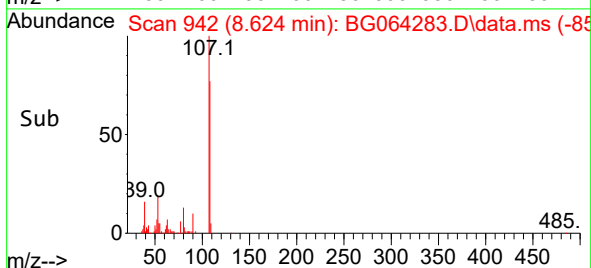
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

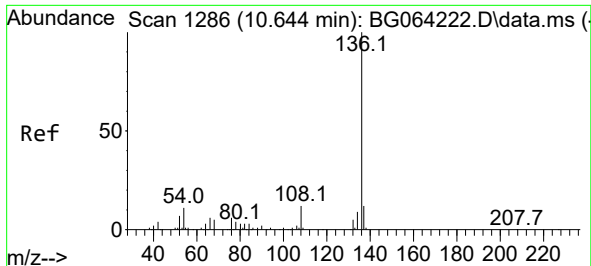


#20
3+4-Methylphenols
Concen: 43.095 ng
RT: 8.624 min Scan# 942
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:107 Resp: 115211
Ion Ratio Lower Upper
107 100
108 93.2 68.1 108.1
77 41.0 15.9 55.9
79 37.7 16.0 56.0





#21
Naphthalene-d8
Concen: 20.000 ng
RT: 10.640 min Scan# 1286
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

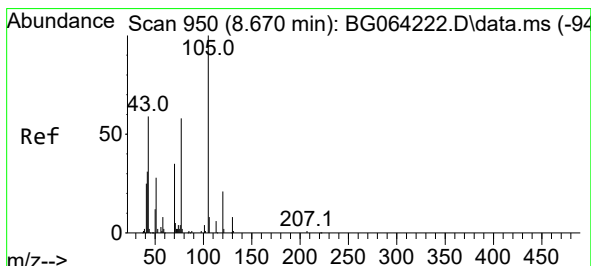
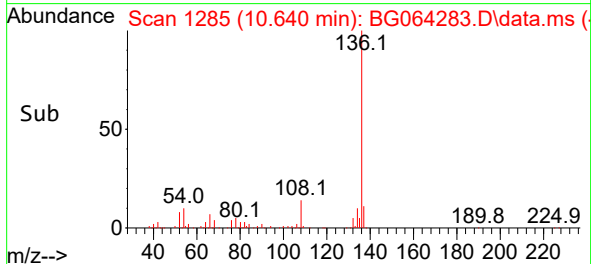
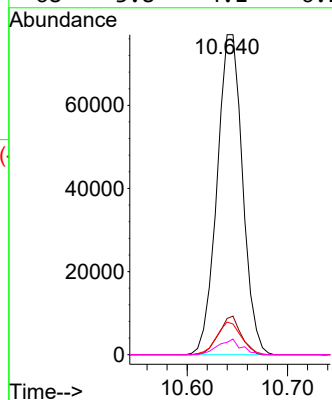
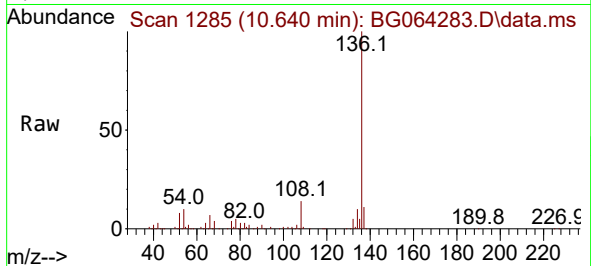
VNJ-231MS

Tgt Ion:136 Resp: 135975
Ion Ratio Lower Upper
136 100
137 11.3 9.6 14.4
54 10.2 8.8 13.2
68 3.8 4.1 6.1#

Manual Integrations

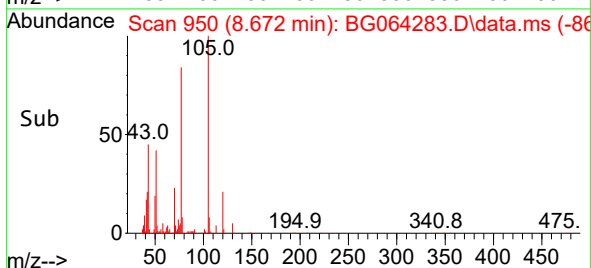
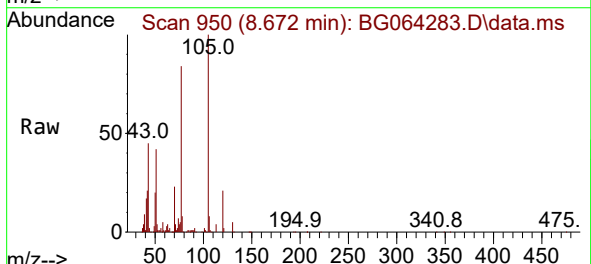
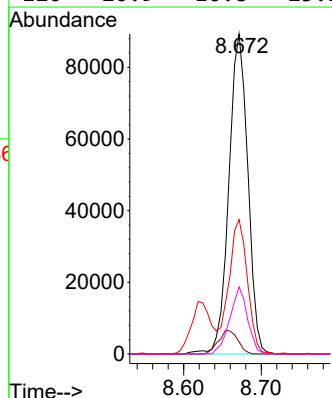
APPROVED

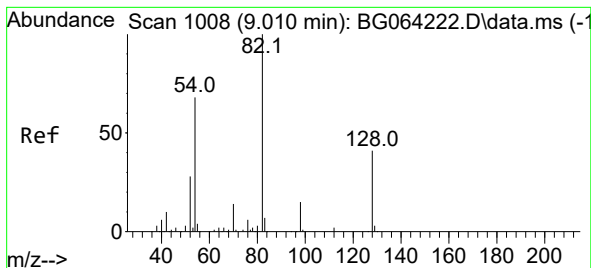
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#22
Acetophenone
Concen: 44.214 ng
RT: 8.672 min Scan# 950
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

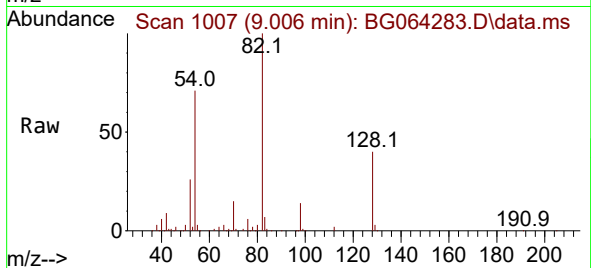
Tgt Ion:105 Resp: 152098
Ion Ratio Lower Upper
105 100
71 3.8 4.3 6.5#
51 42.0 32.4 48.6
120 20.9 16.8 25.2





#23
Nitrobenzene-d5
Concen: 87.031 ng
RT: 9.006 min Scan# 1007
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

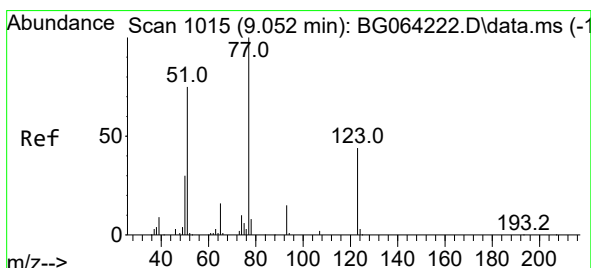
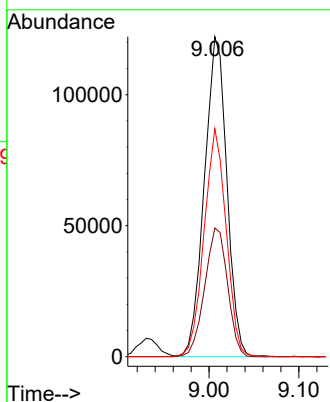
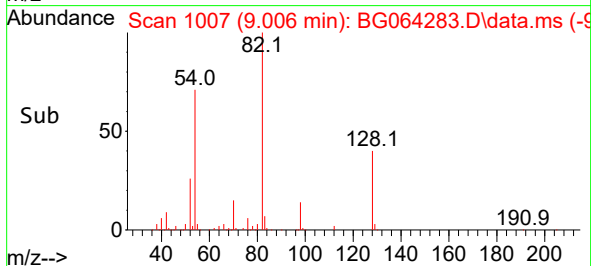
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



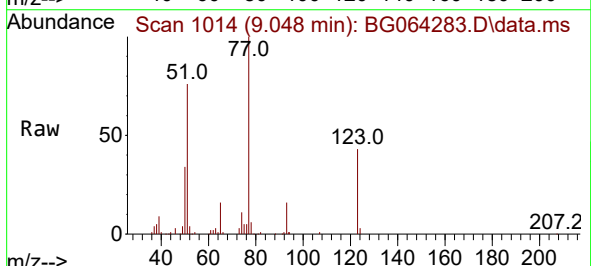
Tgt Ion: 82 Resp: 212192
Ion Ratio Lower Upper
82 100
128 40.2 32.6 48.8
54 71.3 54.7 82.1

Manual Integrations
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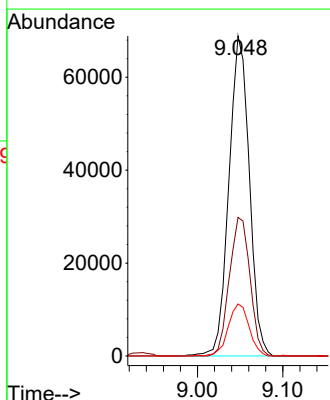
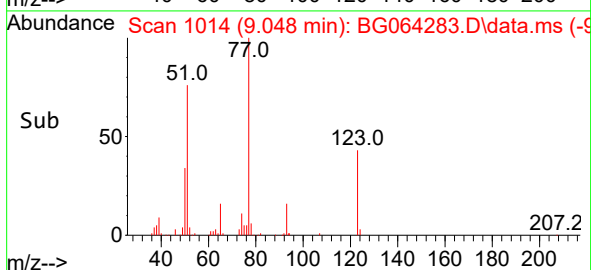
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

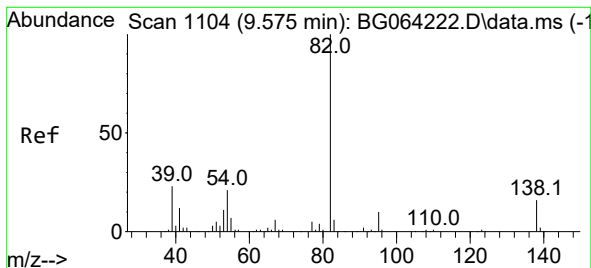


#24
Nitrobenzene
Concen: 44.983 ng
RT: 9.048 min Scan# 1014
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion: 77 Resp: 114588
Ion Ratio Lower Upper
77 100
123 43.3 35.2 52.8
65 16.2 12.6 19.0





#25

Isophorone

Concen: 41.001 ng

RT: 9.570 min Scan# 1104

Delta R.T. -0.016 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion: 82 Resp: 20775

Ion Ratio Lower Upper

82 100

95 9.0 7.9 11.9

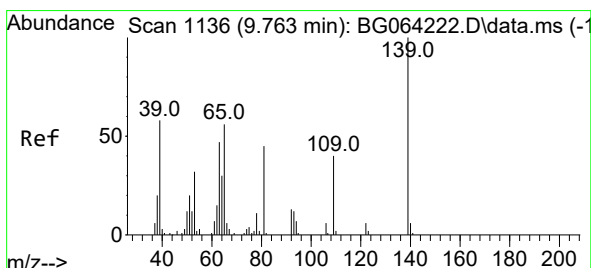
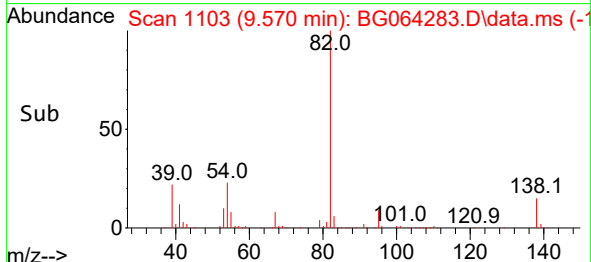
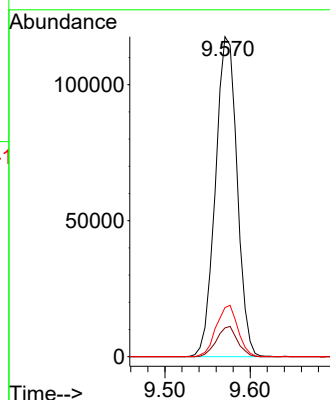
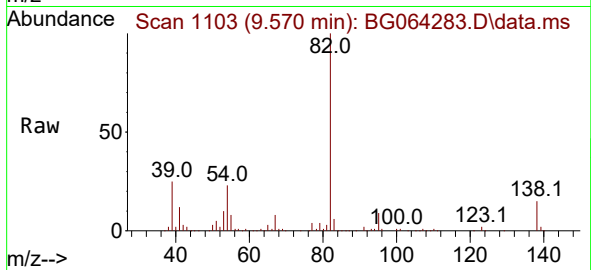
138 15.4 13.0 19.4

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#26

2-Nitrophenol

Concen: 48.928 ng

RT: 9.758 min Scan# 1135

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

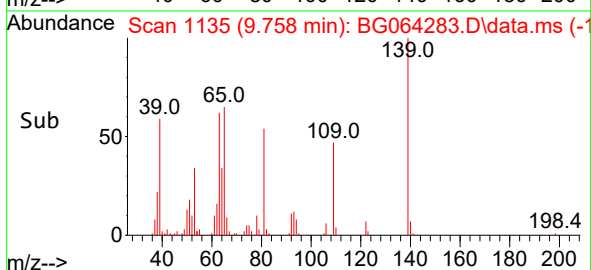
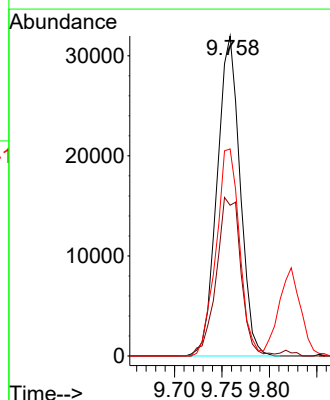
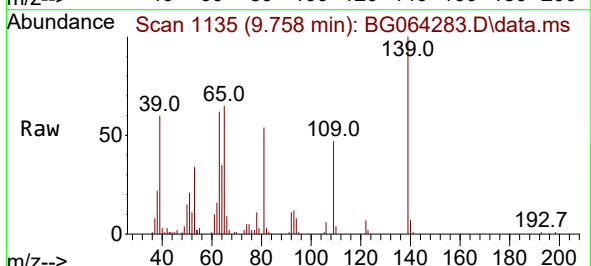
Tgt Ion:139 Resp: 53856

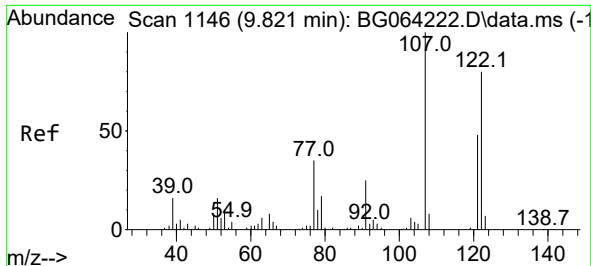
Ion Ratio Lower Upper

139 100

109 47.1 32.4 48.6

65 64.7 44.6 67.0





#27

2,4-Dimethylphenol

Concen: 51.708 ng

RT: 9.823 min Scan# 1146

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion:122 Resp: 9992

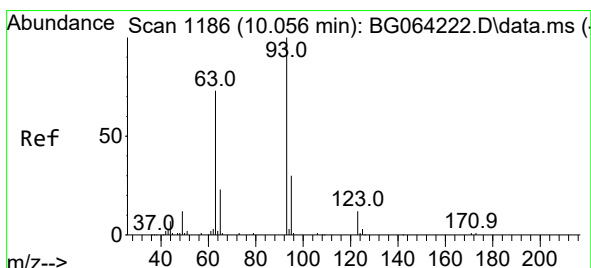
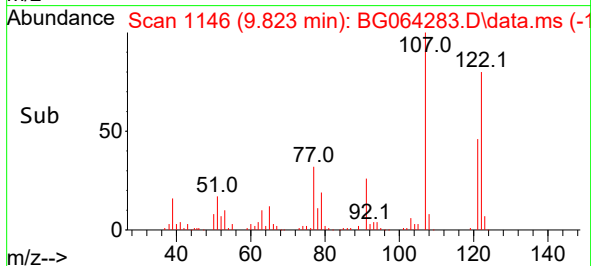
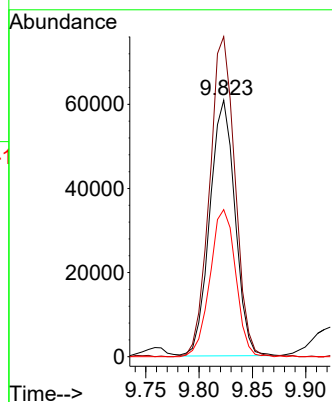
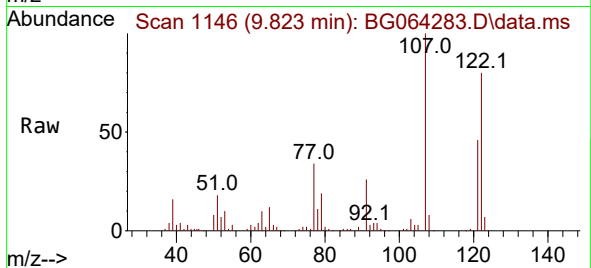
Ion	Ratio	Lower	Upper
122	100		
107	124.8	99.9	149.9
121	57.3	48.6	72.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#28

bis(2-Chloroethoxy)methane

Concen: 41.304 ng

RT: 10.052 min Scan# 1185

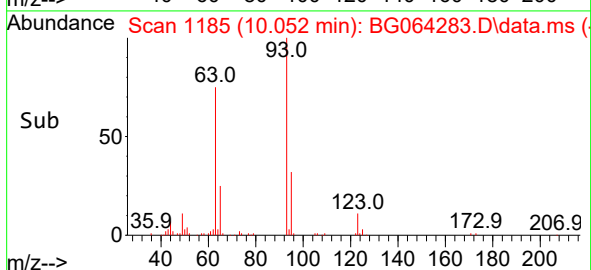
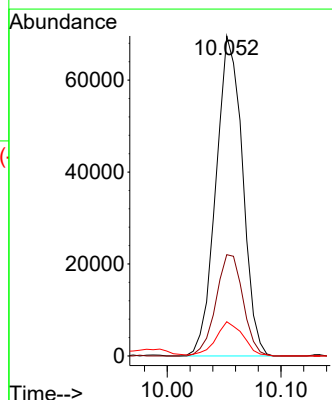
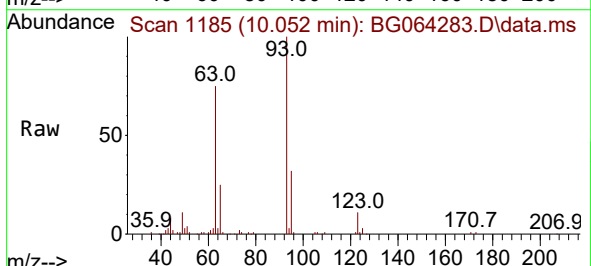
Delta R.T. -0.010 min

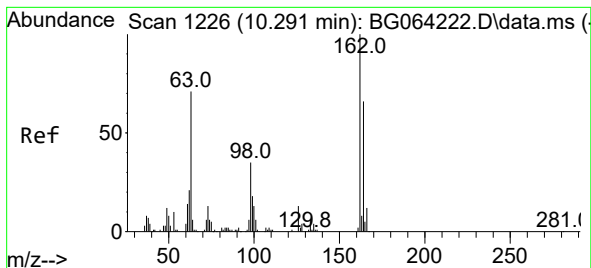
Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Tgt Ion: 93 Resp: 112855

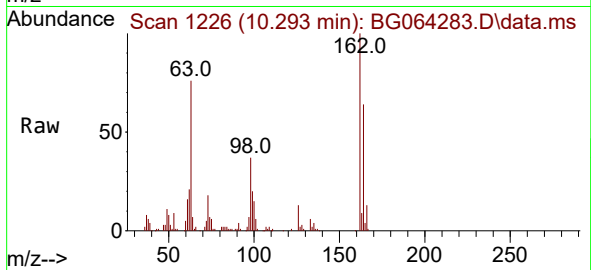
Ion	Ratio	Lower	Upper
93	100		
95	31.7	23.9	35.9
123	10.7	9.6	14.4





#29
2,4-Dichlorophenol
Concen: 49.147 ng
RT: 10.293 min Scan# 1226
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

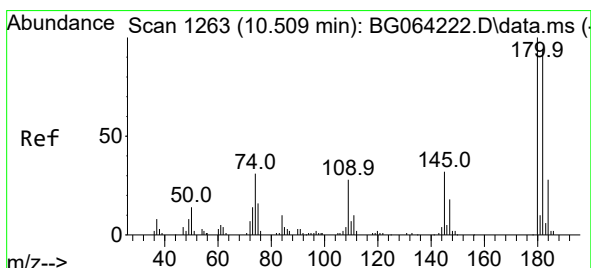
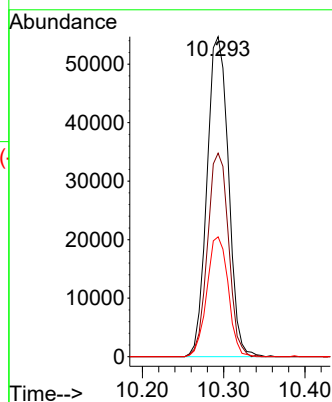
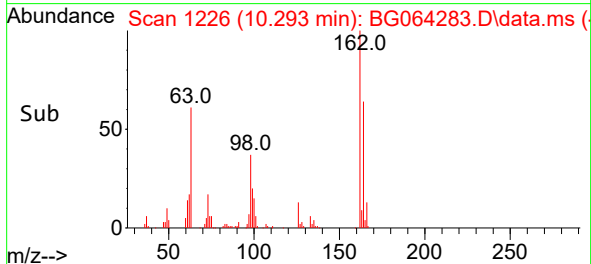
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



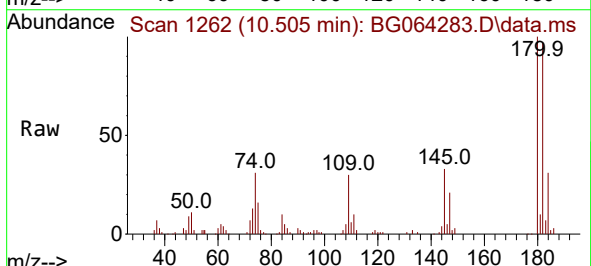
Tgt Ion:162 Resp: 10021
Ion Ratio Lower Upper
162 100
164 63.6 45.8 85.8
98 37.5 15.2 55.2

Manual Integrations
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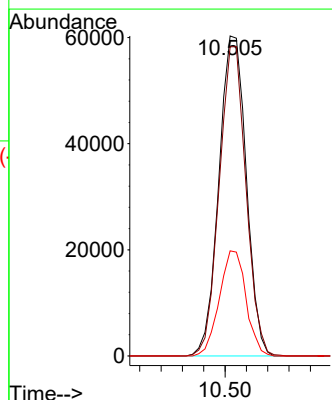
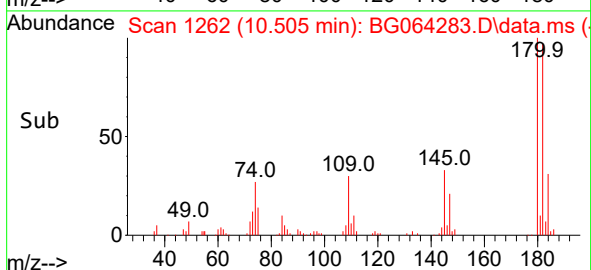
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

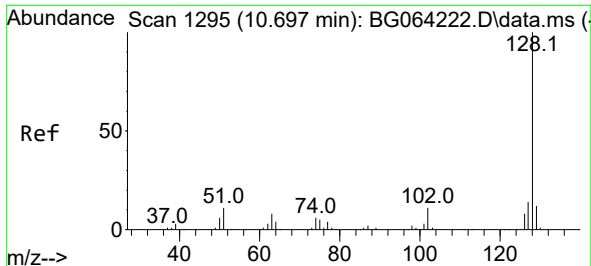


#30
1,2,4-Trichlorobenzene
Concen: 49.932 ng
RT: 10.505 min Scan# 1262
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:180 Resp: 107351
Ion Ratio Lower Upper
180 100
182 96.6 75.0 112.6
145 32.9 25.4 38.0





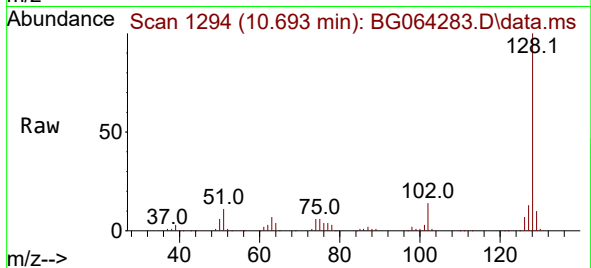
#31
Naphthalene
Concen: 44.117 ng
RT: 10.693 min Scan# 1174
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS



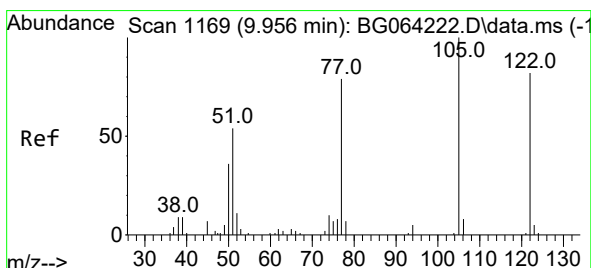
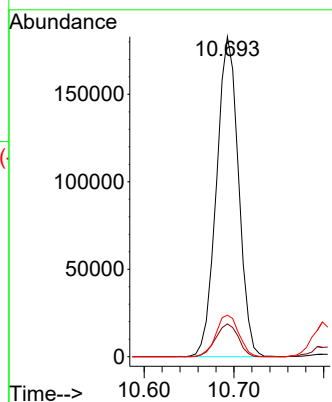
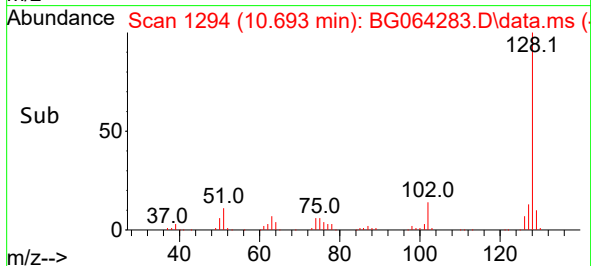
Tgt Ion:128 Resp: 311069
Ion Ratio Lower Upper
128 100
129 10.2 9.4 14.2
127 13.0 10.9 16.3

Manual Integrations

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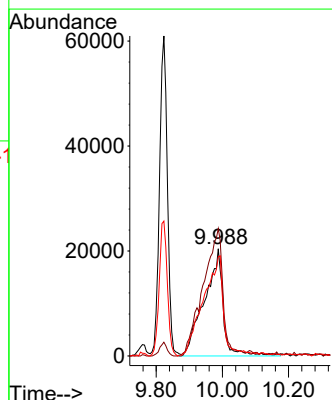
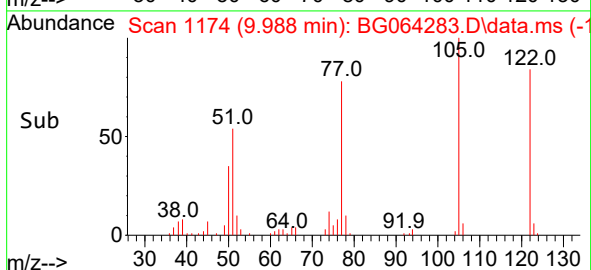
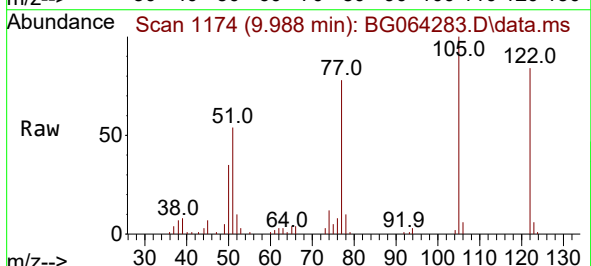
Reviewed By :Rahul Chavli 09/05/2025

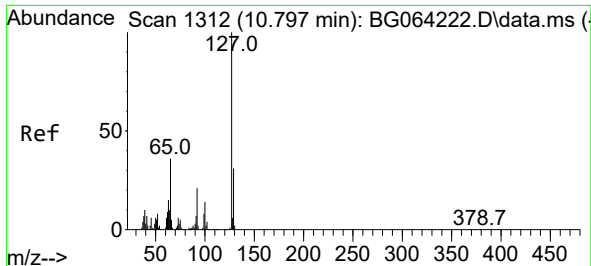
Supervised By :Jagrut Upadhyay 09/05/2025



#32
Benzoic acid
Concen: 52.500 ng m
RT: 9.988 min Scan# 1174
Delta R.T. -0.028 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion:122 Resp: 80535
Ion Ratio Lower Upper
122 100
105 118.9 98.5 138.5
77 92.6 74.6 114.6





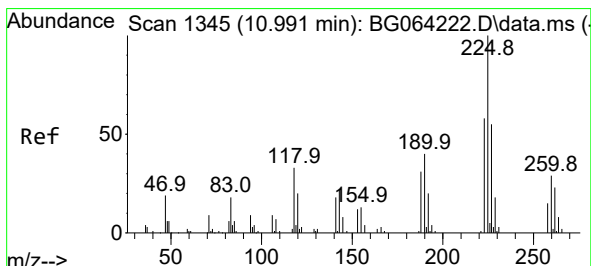
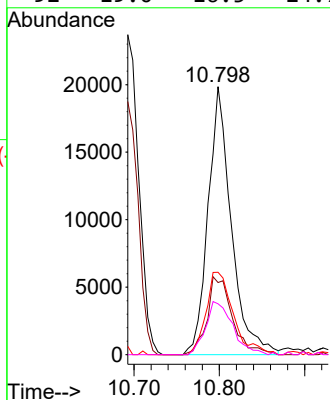
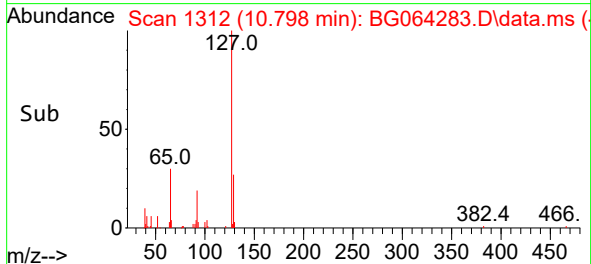
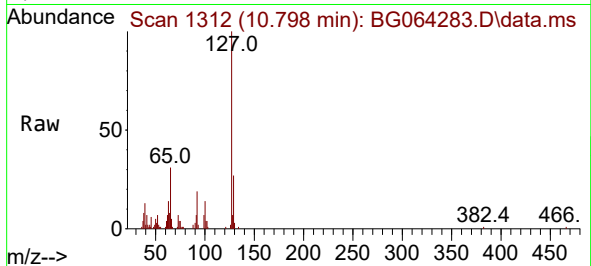
#33
4-Chloroaniline
Concen: 13.766 ng
RT: 10.798 min Scan# 1312
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Tgt Ion:127	Resp:	37620
Ion Ratio	Lower	Upper
127 100		
129 26.9	25.0	37.4
65 30.7	28.7	43.1
92 19.0	16.5	24.7

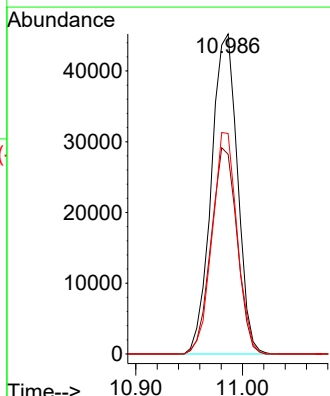
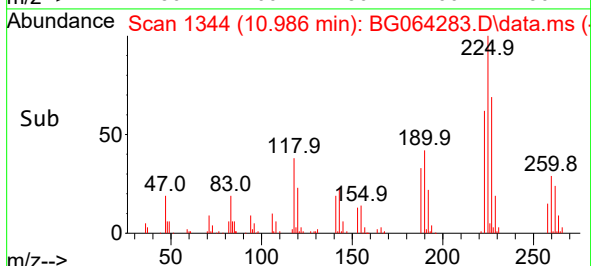
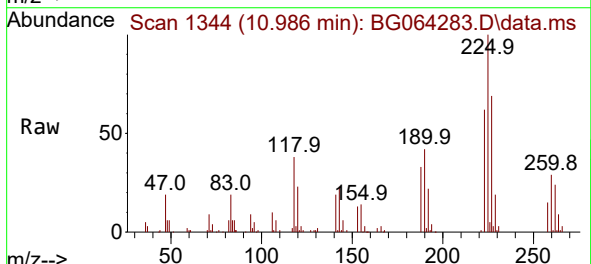
Manual Integrations
APPROVED

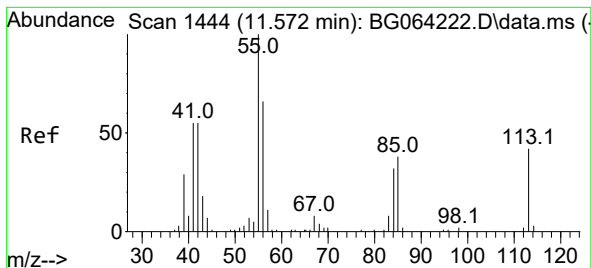
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#34
Hexachlorobutadiene
Concen: 48.356 ng
RT: 10.986 min Scan# 1344
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

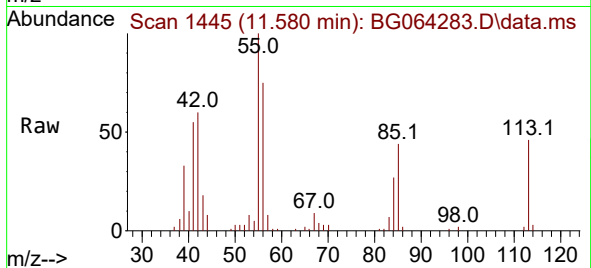
Tgt Ion:225	Resp:	76849
Ion Ratio	Lower	Upper
225 100		
223 62.4	46.5	69.7
227 68.9	44.1	66.1





#35
Caprolactam
Concen: 41.302 ng m
RT: 11.580 min Scan# 1444
Delta R.T. -0.022 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

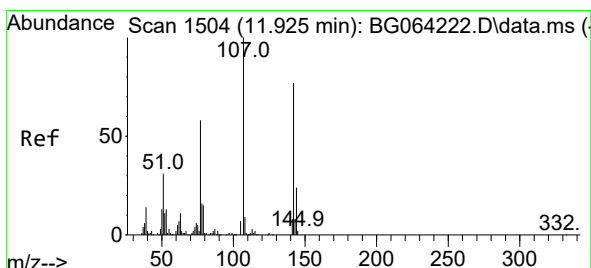
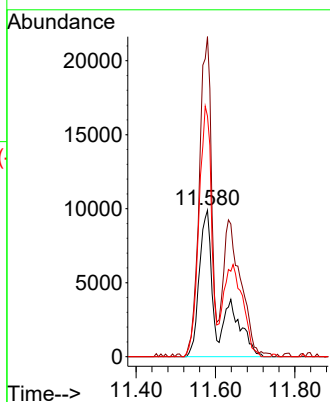
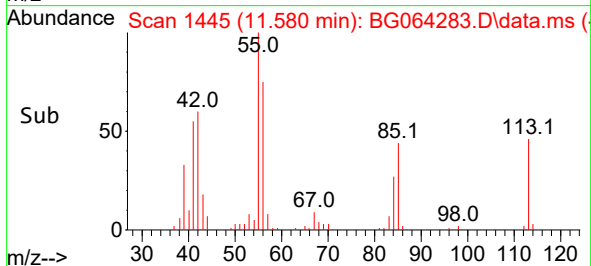
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion:113 Resp: 32609
Ion Ratio Lower Upper
113 100
55 218.5 218.5 258.5
56 164.2 138.5 178.5

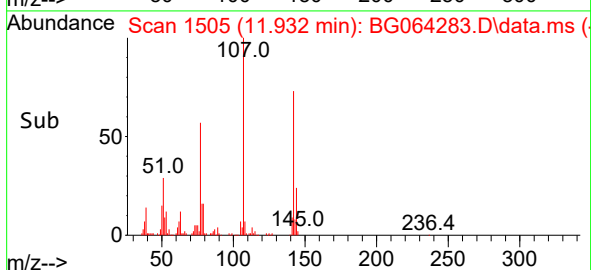
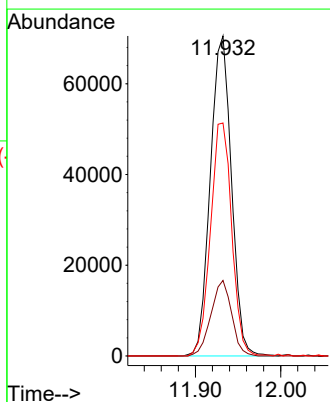
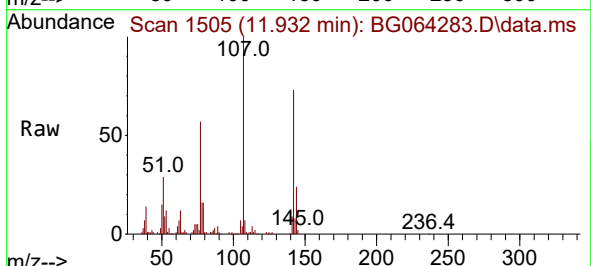
Manual Integrations
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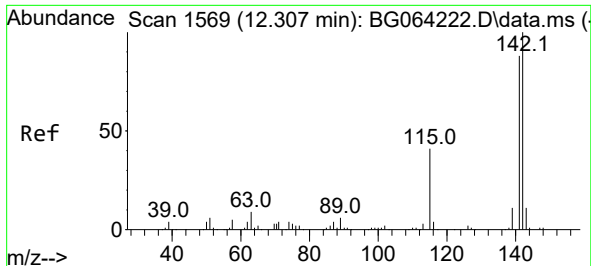
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#36
4-Chloro-3-methylphenol
Concen: 45.965 ng
RT: 11.932 min Scan# 1505
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

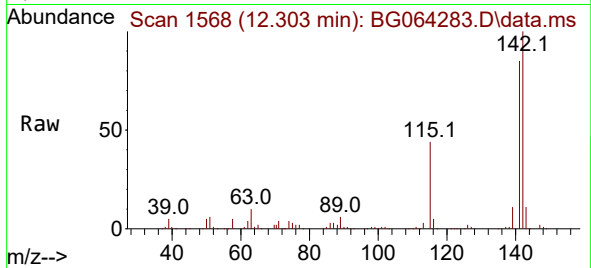
Tgt Ion:107 Resp: 121603
Ion Ratio Lower Upper
107 100
144 23.6 19.5 29.3
142 72.8 62.0 93.0





#37
2-Methylnaphthalene
Concen: 40.685 ng
RT: 12.303 min Scan# 11
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

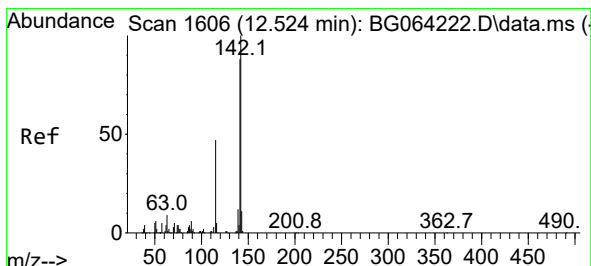
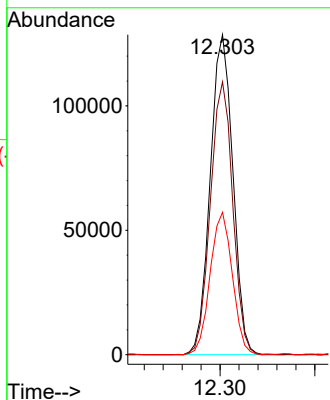
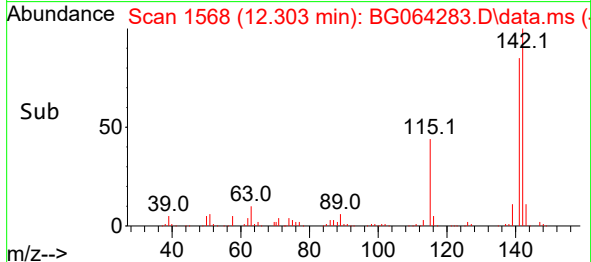
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



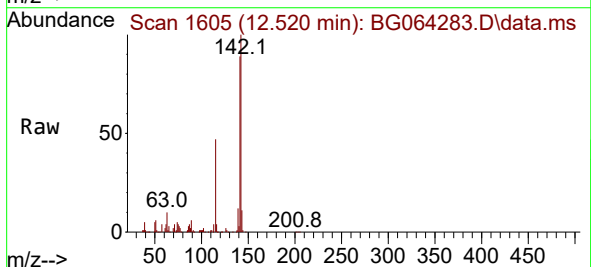
Tgt Ion:142 Resp: 21323
Ion Ratio Lower Upper
142 100
141 85.3 70.1 105.1
115 44.5 33.1 49.7

Manual Integrations
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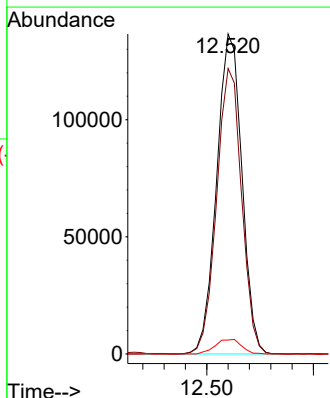
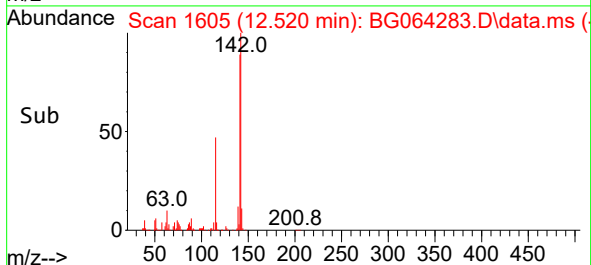
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

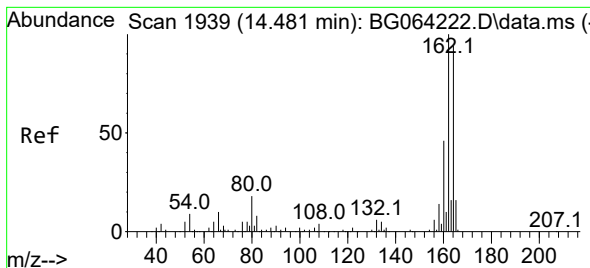


#38
1-Methylnaphthalene
Concen: 43.335 ng
RT: 12.520 min Scan# 1605
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



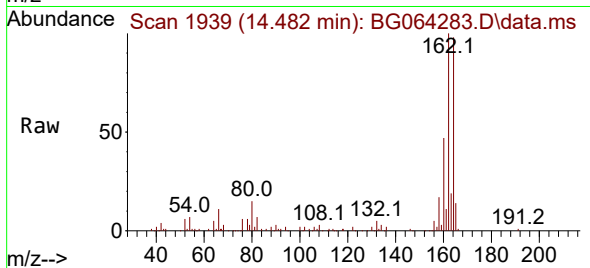
Tgt Ion:142 Resp: 224333
Ion Ratio Lower Upper
142 100
141 89.2 70.3 105.5
116 4.4 3.7 5.5





#39
Acenaphthene-d10
Concen: 20.000 ng
RT: 14.482 min Scan# 1939
Delta R.T. 0.001 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

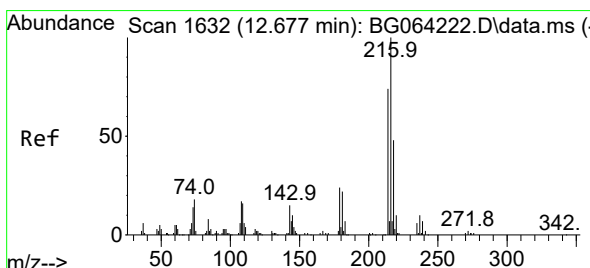
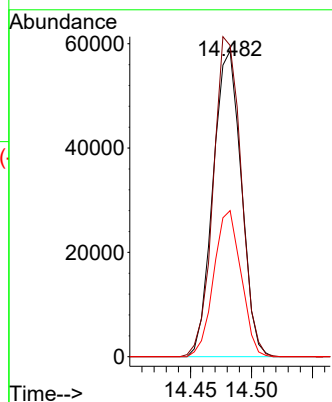
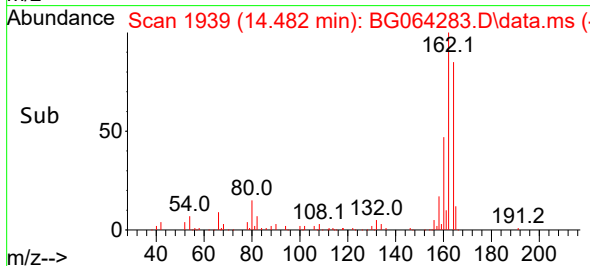
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



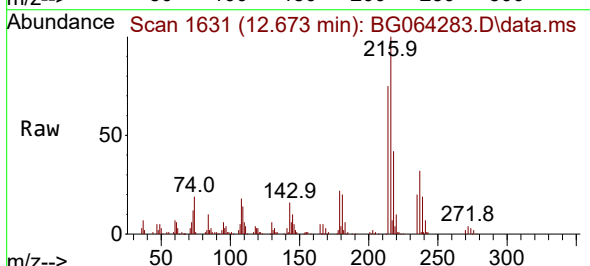
Tgt Ion:164 Resp: 94592
Ion Ratio Lower Upper
164 100
162 101.8 85.4 128.0
160 47.8 39.2 58.8

Manual Integrations
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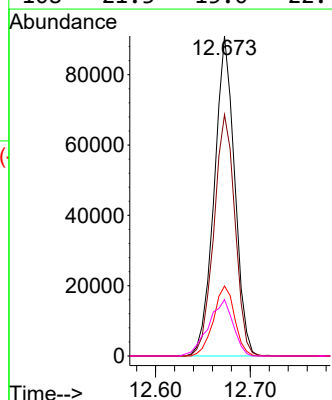
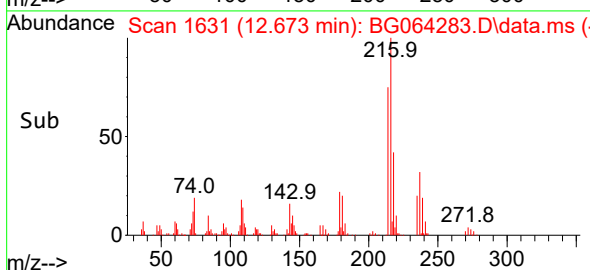
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

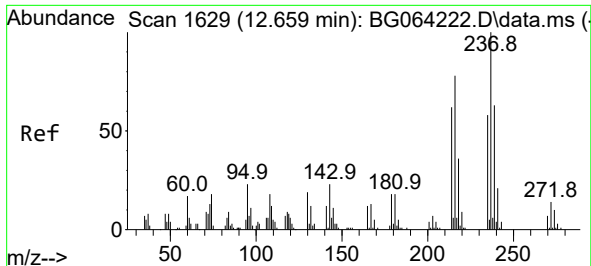


#40
1,2,4,5-Tetrachlorobenzene
Concen: 49.892 ng
RT: 12.673 min Scan# 1631
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



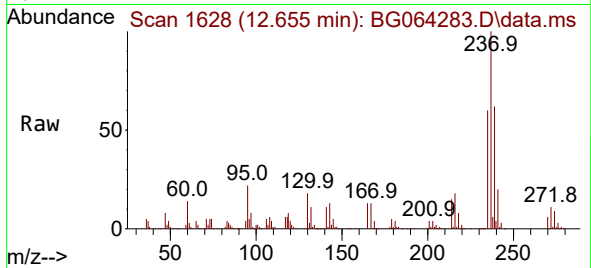
Tgt Ion:216 Resp: 136168
Ion Ratio Lower Upper
216 100
214 77.6 61.9 92.9
179 22.6 17.9 26.9
108 21.3 15.0 22.4





#41
Hexachlorocyclopentadiene
Concen: 139.667 ng
RT: 12.655 min Scan# 1628
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

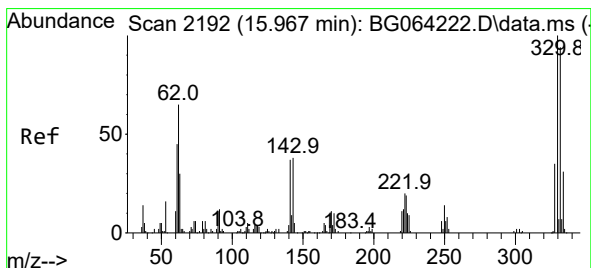
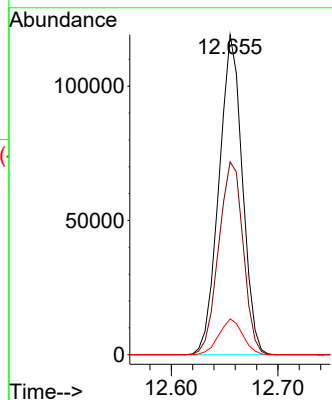
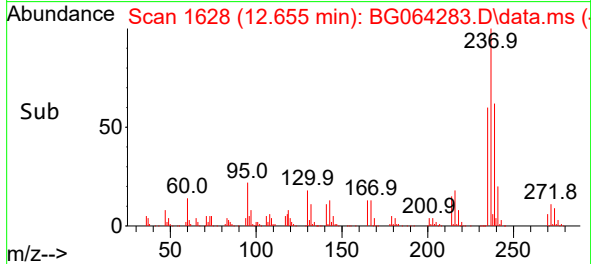
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion: 237 Resp: 18116
Ion Ratio Lower Upper
237 100
235 60.3 37.9 77.9
272 11.2 0.0 33.8

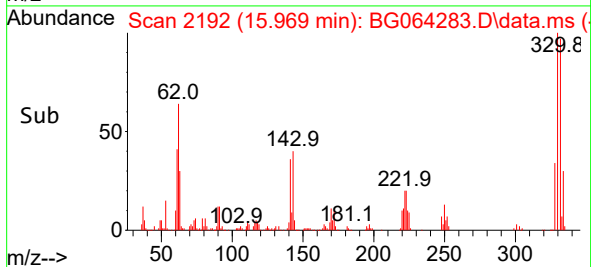
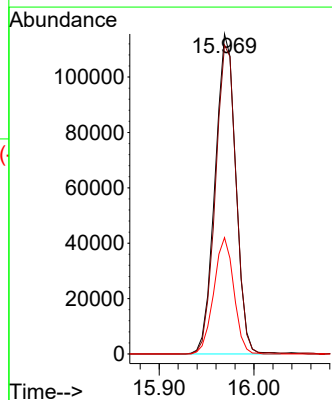
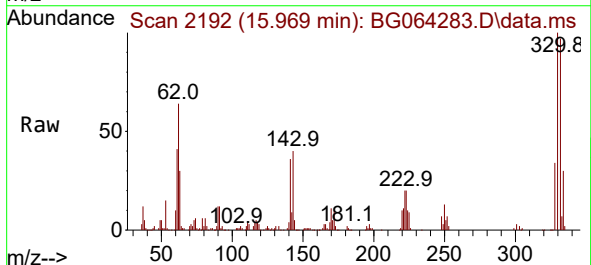
Manual Integrations
APPROVED

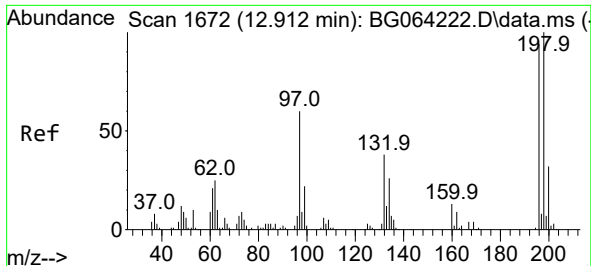
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#42
2,4,6-Tribromophenol
Concen: 139.959 ng
RT: 15.969 min Scan# 2192
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

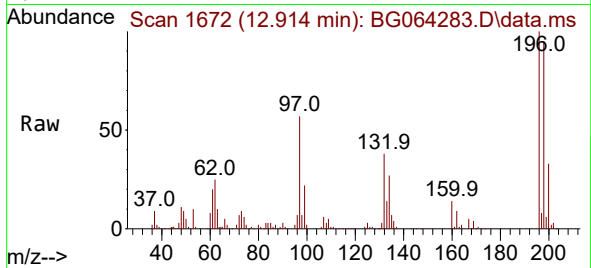
Tgt Ion: 330 Resp: 175356
Ion Ratio Lower Upper
330 100
332 96.6 77.6 116.4
141 35.1 29.8 44.6





#43
2,4,6-Trichlorophenol
Concen: 50.622 ng
RT: 12.914 min Scan# 1672
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

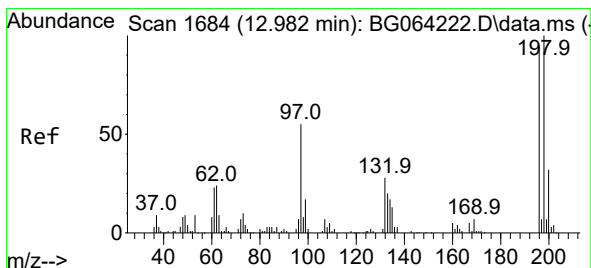
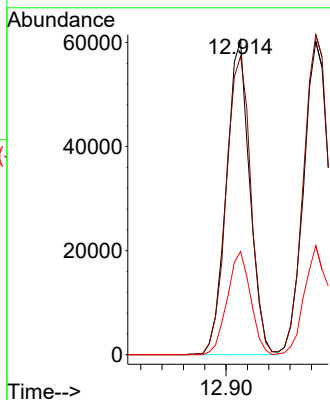
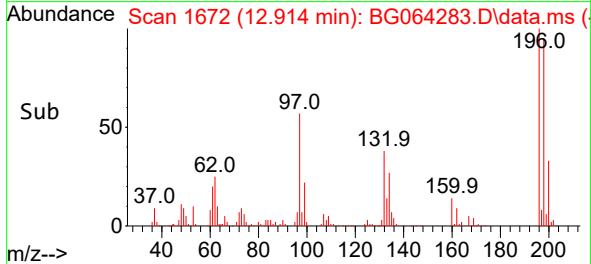
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



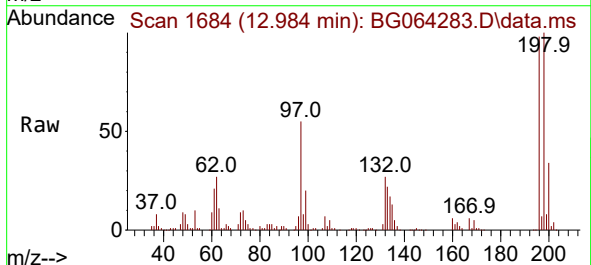
Tgt Ion:196 Resp: 92345
Ion Ratio Lower Upper
196 100
198 95.0 85.4 128.2
200 32.8 27.3 40.9

Manual Integrations
APPROVED

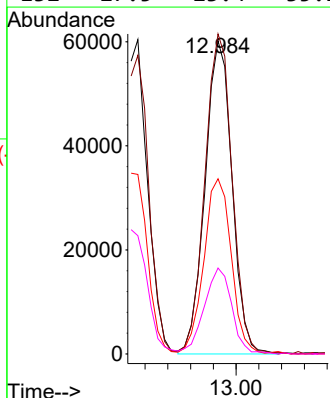
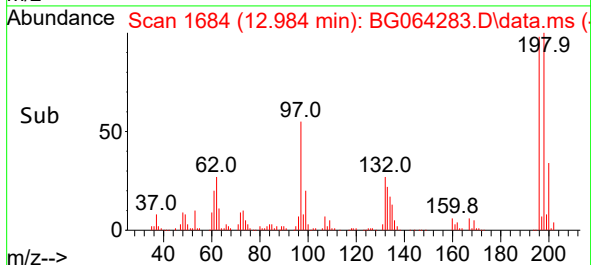
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

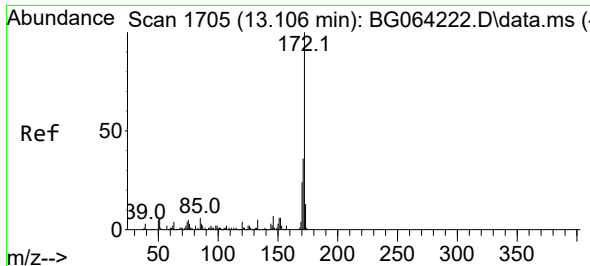


#44
2,4,5-Trichlorophenol
Concen: 50.142 ng
RT: 12.984 min Scan# 1684
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:196 Resp: 99224
Ion Ratio Lower Upper
196 100
198 102.2 84.5 126.7
97 56.0 46.8 70.2
132 27.5 23.4 35.2





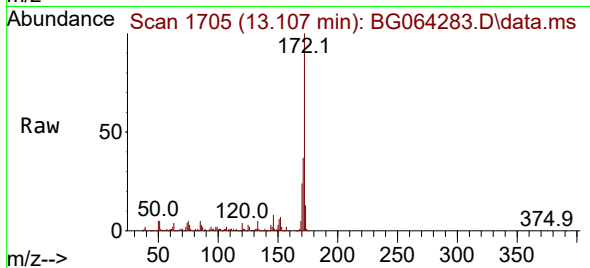
#45
2-Fluorobiphenyl
Concen: 86.570 ng
RT: 13.107 min Scan# 1705
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS



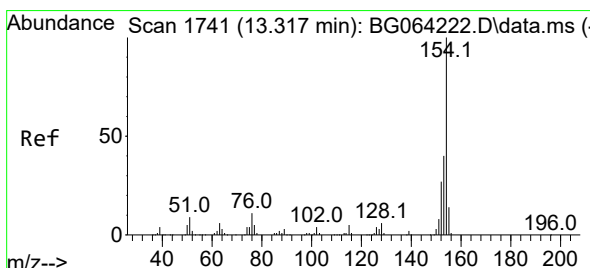
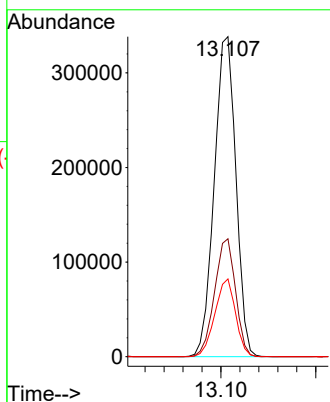
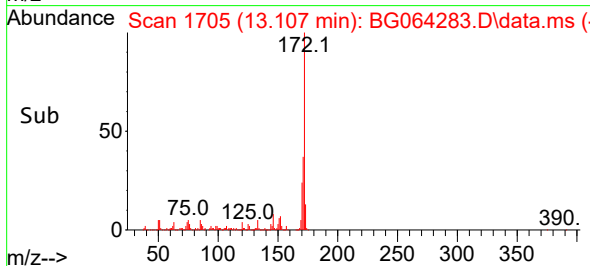
Tgt Ion:172 Resp: 536494
Ion Ratio Lower Upper
172 100
171 36.8 28.7 43.1
170 24.3 19.0 28.6

Manual Integrations

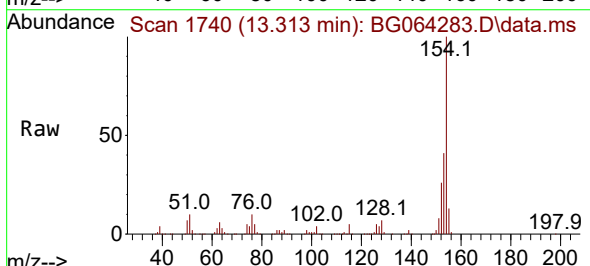
APPROVED

Reviewed By :Rahul Chavli 09/05/2025

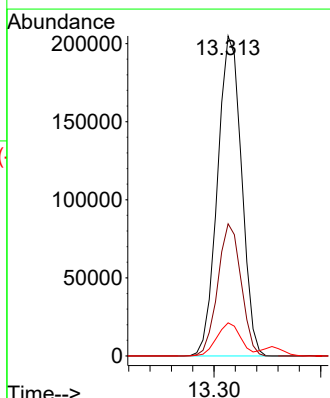
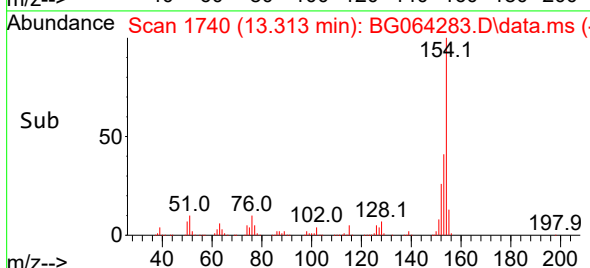
Supervised By :Jagrut Upadhyay 09/05/2025

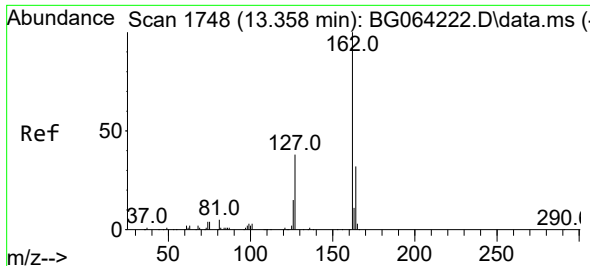


#46
1,1'-Biphenyl
Concen: 46.527 ng
RT: 13.313 min Scan# 1740
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:154 Resp: 320552
Ion Ratio Lower Upper
154 100
153 41.3 19.9 59.9
76 10.3 0.0 30.9





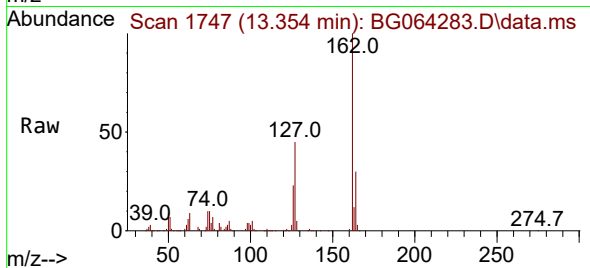
#47
2-Chloronaphthalene
Concen: 45.851 ng
RT: 13.354 min Scan# 1747
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS



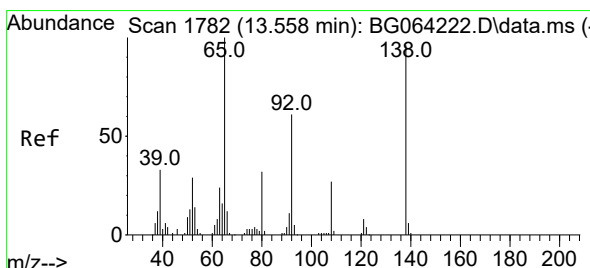
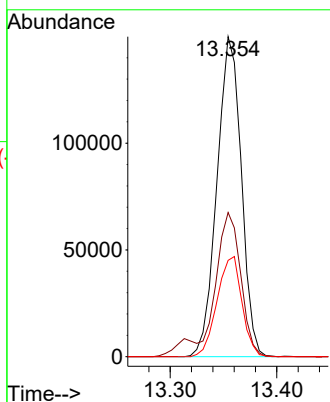
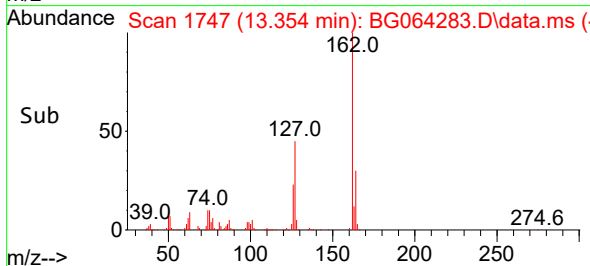
Tgt Ion:162 Resp: 237488
Ion Ratio Lower Upper
162 100
127 45.0 33.9 50.9
164 30.1 25.4 38.2

Manual Integrations

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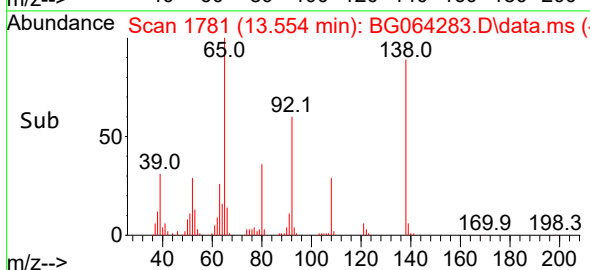
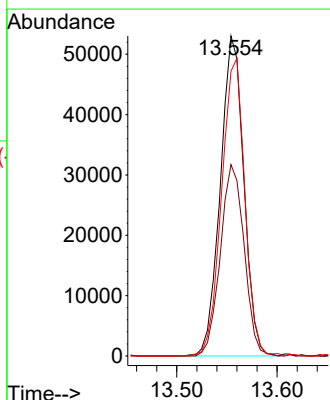
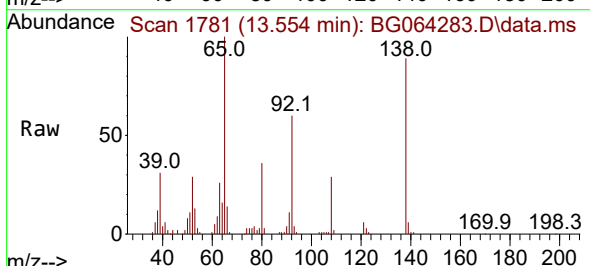
Reviewed By :Rahul Chavli 09/05/2025

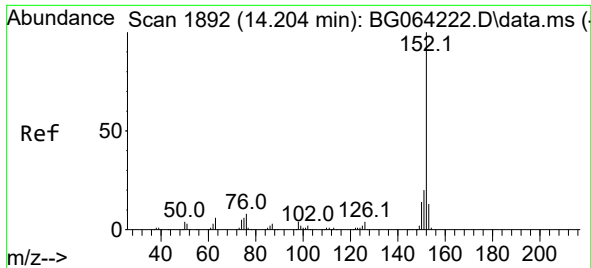
Supervised By :Jagrut Upadhyay 09/05/2025



#48
2-Nitroaniline
Concen: 48.637 ng
RT: 13.554 min Scan# 1781
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

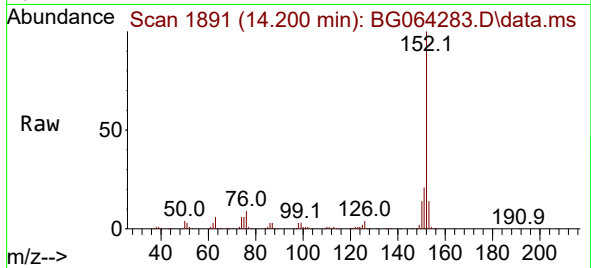
Tgt Ion: 65 Resp: 85862
Ion Ratio Lower Upper
65 100
92 59.8 49.2 73.8
138 88.9 76.8 115.2





#49
Acenaphthylene
Concen: 51.468 ng
RT: 14.200 min Scan# 1892
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

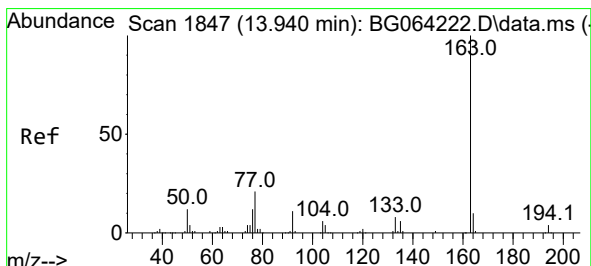
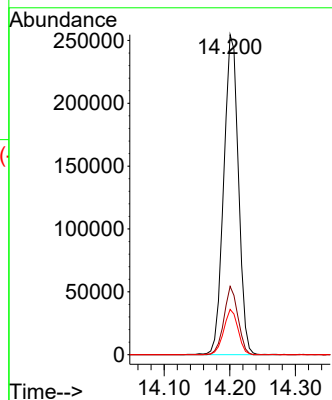
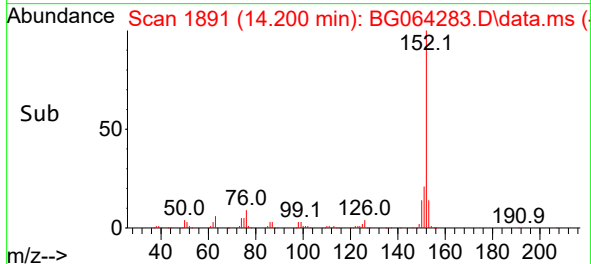
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



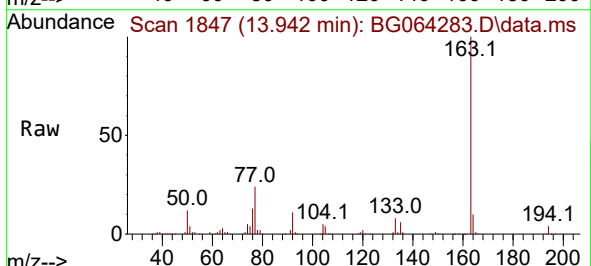
Tgt Ion:152 Resp: 394070
Ion Ratio Lower Upper
152 100
151 21.3 16.2 24.2
153 14.1 10.1 15.1

Manual Integrations
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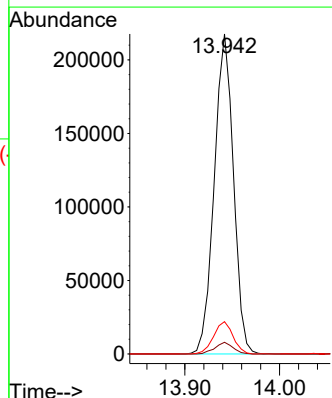
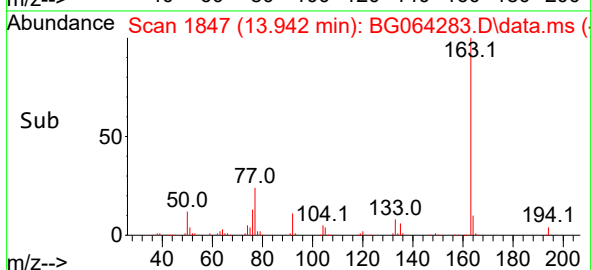
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

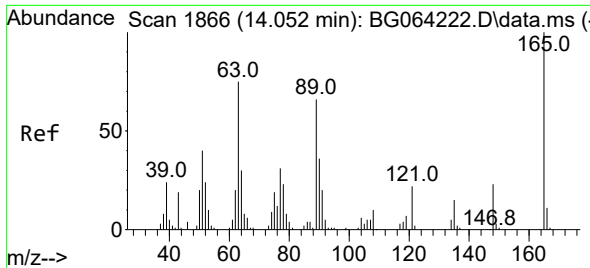


#50
Dimethylphthalate
Concen: 42.806 ng
RT: 13.942 min Scan# 1847
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



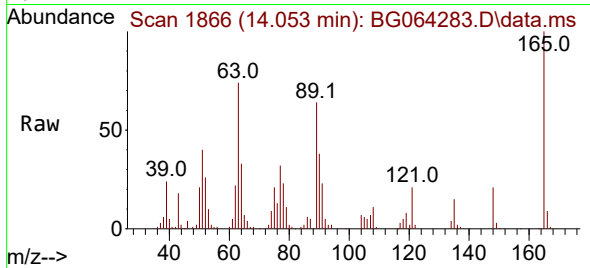
Tgt Ion:163 Resp: 306481
Ion Ratio Lower Upper
163 100
194 3.7 3.0 4.4
164 10.1 7.9 11.9





#51
2,6-Dinitrotoluene
Concen: 49.366 ng
RT: 14.053 min Scan# 1866
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

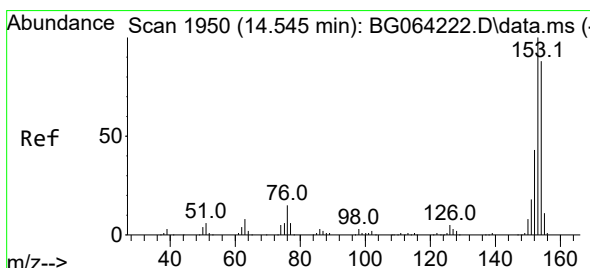
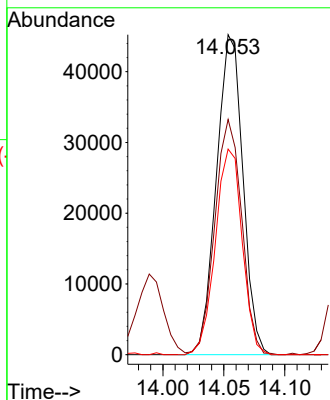
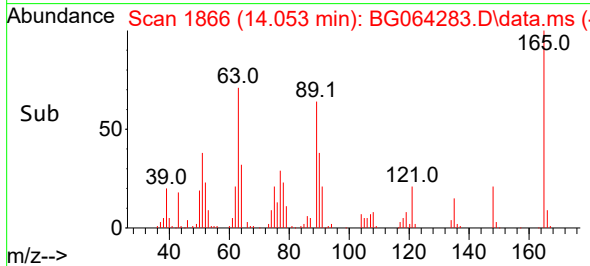
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion:165 Resp: 68420
Ion Ratio Lower Upper
165 100
63 73.5 60.3 90.5
89 64.3 52.9 79.3

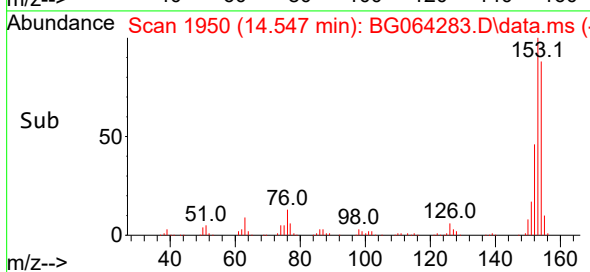
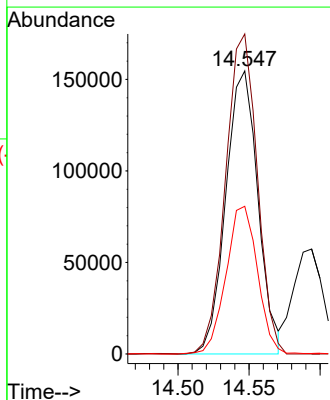
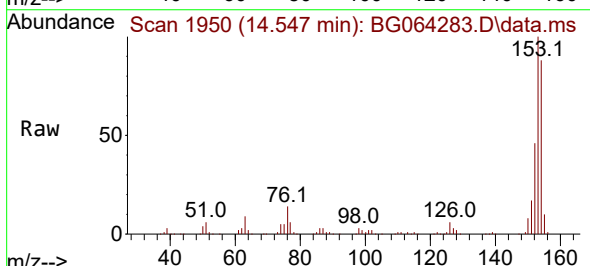
Manual Integrations
APPROVED

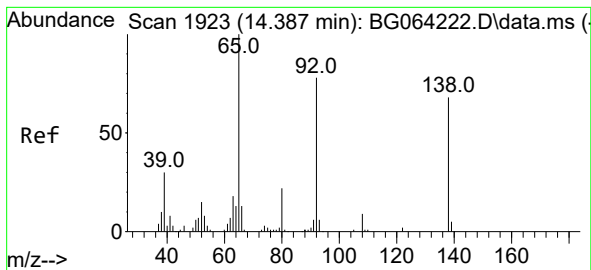
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#52
Acenaphthene
Concen: 45.091 ng
RT: 14.547 min Scan# 1950
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion:154 Resp: 243642
Ion Ratio Lower Upper
154 100
153 113.1 91.1 136.7
152 52.2 39.6 59.4





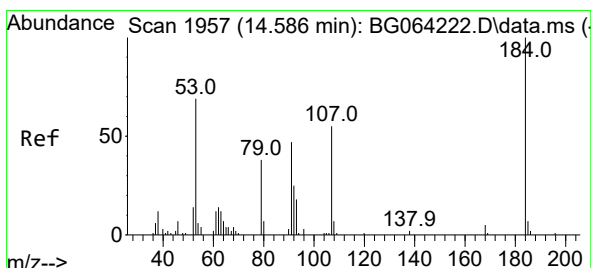
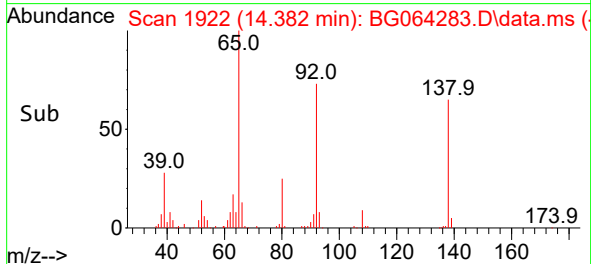
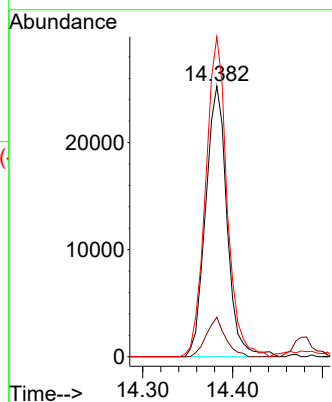
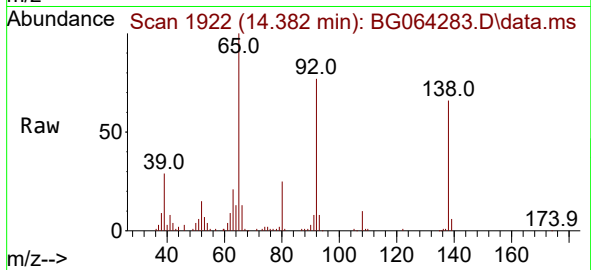
#53
3-Nitroaniline
Concen: 28.720 ng
RT: 14.382 min Scan# 1923
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Tgt Ion:138 Resp: 41699
Ion Ratio Lower Upper
138 100
108 14.6 11.0 16.6
92 118.2 91.4 137.0

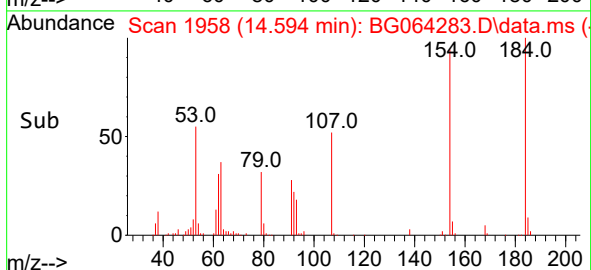
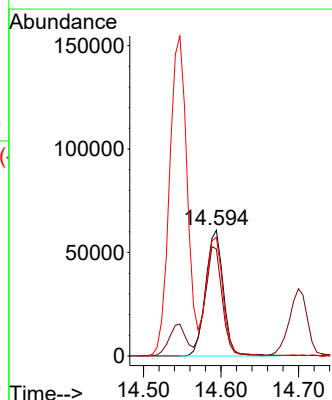
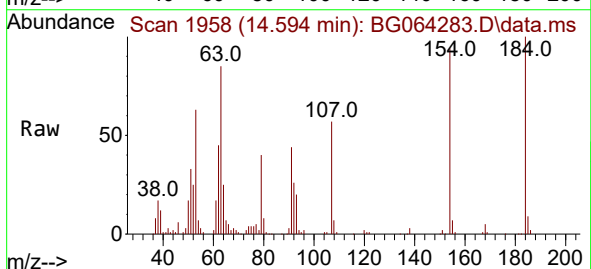
Manual Integrations
APPROVED

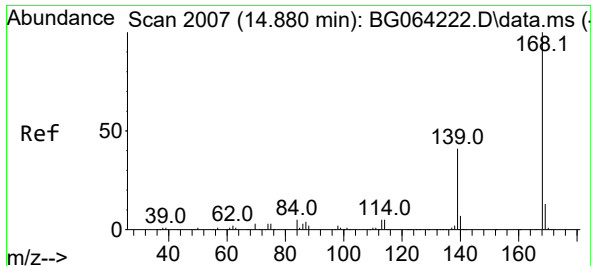
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#54
2,4-Dinitrophenol
Concen: 104.586 ng
RT: 14.594 min Scan# 1958
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

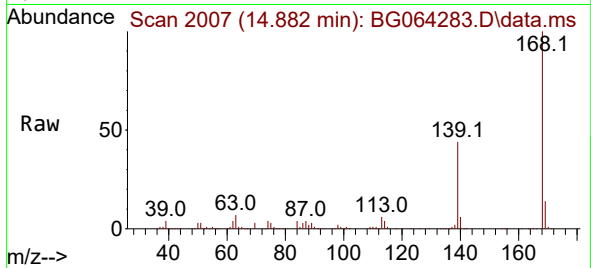
Tgt Ion:184 Resp: 96406
Ion Ratio Lower Upper
184 100
63 85.2 60.1 90.1
154 94.4 59.8 89.8#





#55
Dibenzenofuran
Concen: 46.090 ng
RT: 14.882 min Scan# 2007
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

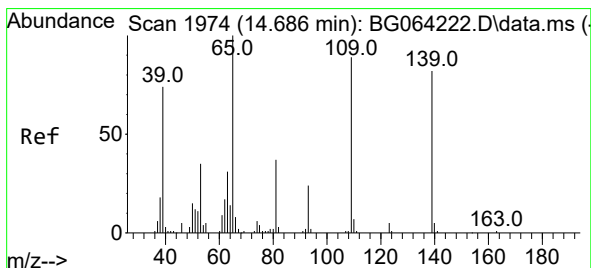
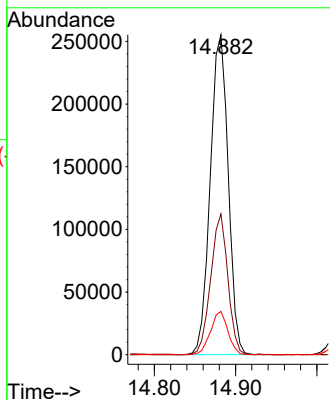
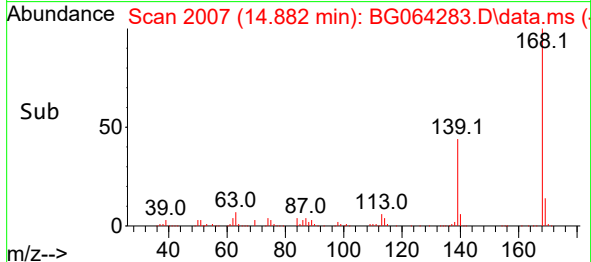
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



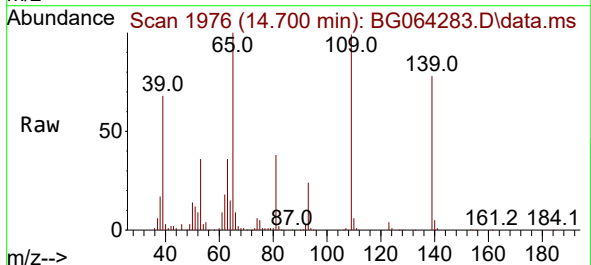
Tgt Ion:168 Resp: 391719
Ion Ratio Lower Upper
168 100
139 44.0 33.2 49.8
169 13.5 10.4 15.6

Manual Integrations
APPROVED

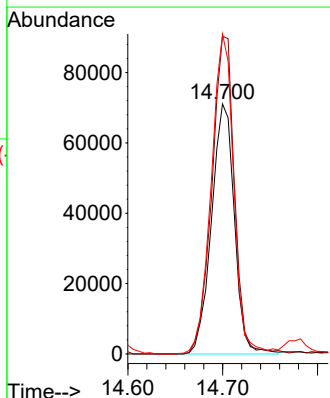
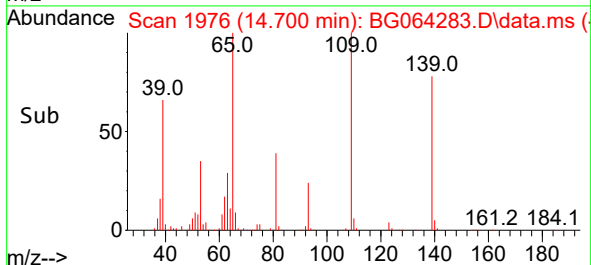
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

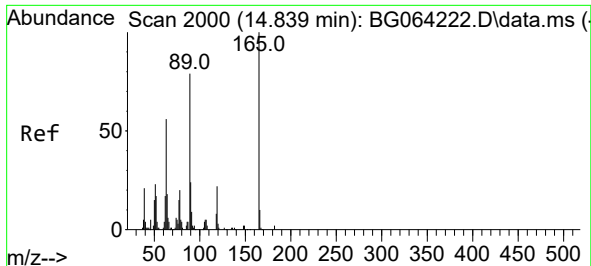


#56
4-Nitrophenol
Concen: 99.780 ng
RT: 14.700 min Scan# 1976
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:139 Resp: 118839
Ion Ratio Lower Upper
139 100
109 127.2 89.1 129.1
65 128.0 102.9 142.9





#57
2,4-Dinitrotoluene
Concen: 49.538 ng
RT: 14.841 min Scan# 2000
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

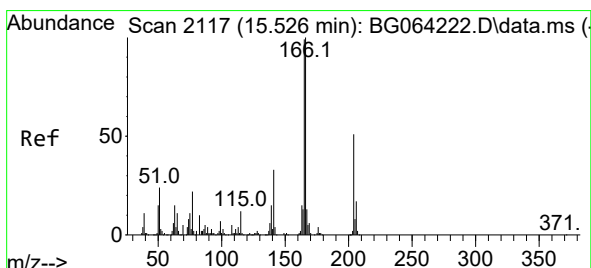
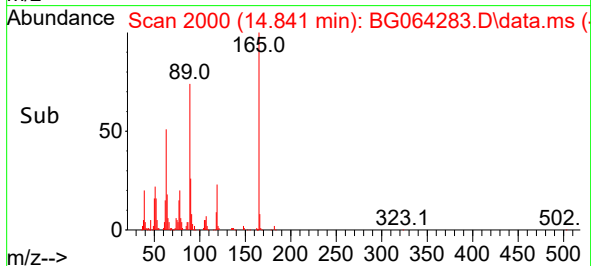
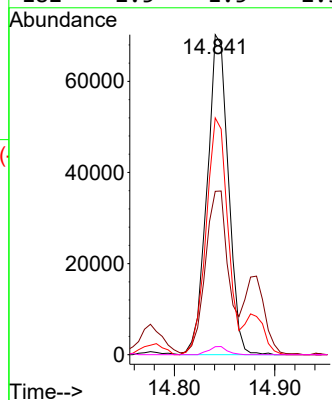
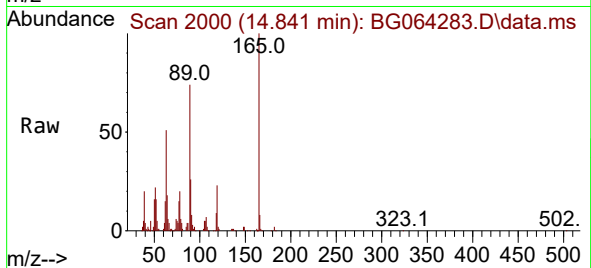
VNJ-231MS

Tgt Ion:165 Resp: 10382
Ion Ratio Lower Upper
165 100
63 51.1 44.6 67.0
89 74.0 63.0 94.4
182 2.5 1.5 2.3#

Manual Integrations

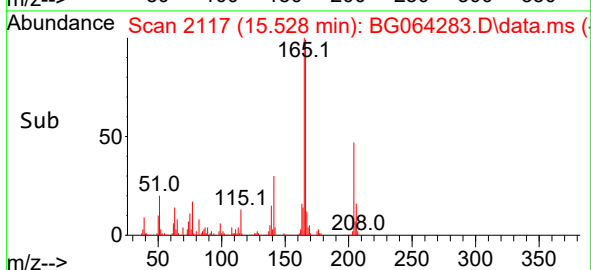
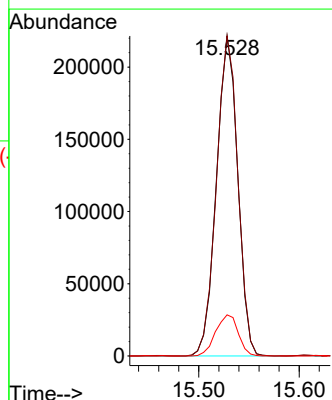
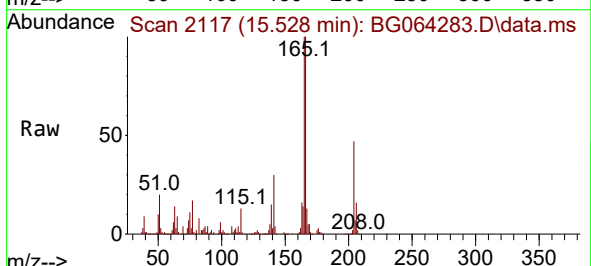
APPROVED

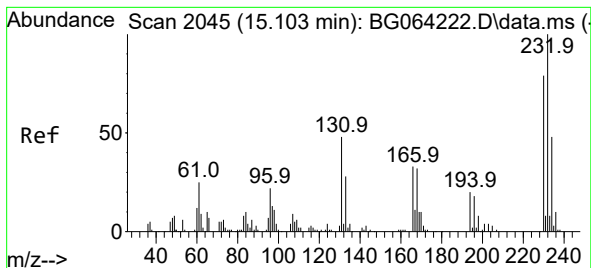
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#58
Fluorene
Concen: 46.828 ng
RT: 15.528 min Scan# 2117
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

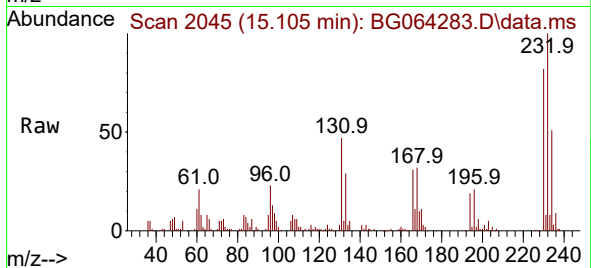
Tgt Ion:166 Resp: 326199
Ion Ratio Lower Upper
166 100
165 100.0 79.1 118.7
167 12.9 10.2 15.4





#59
2,3,4,6-Tetrachlorophenol
Concen: 53.052 ng
RT: 15.105 min Scan# 2045
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

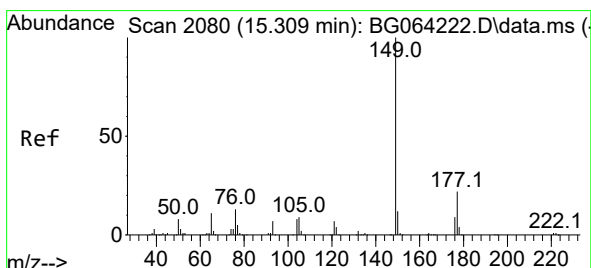
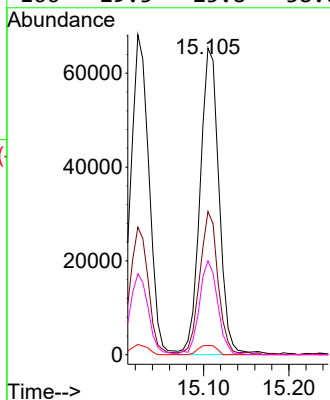
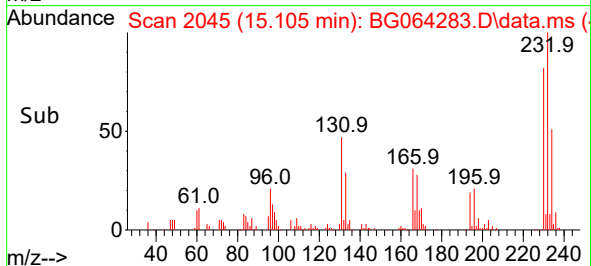
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



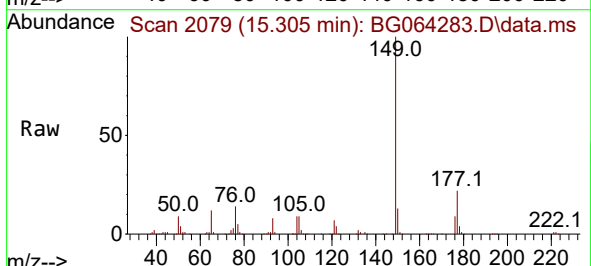
Tgt Ion:232 Resp: 100972
Ion Ratio Lower Upper
232 100
131 45.5 37.1 55.7
130 2.9 2.6 3.8
166 29.5 25.8 38.6

Manual Integrations
APPROVED

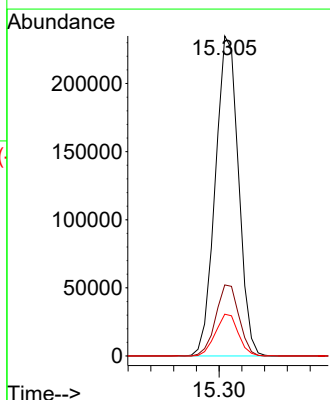
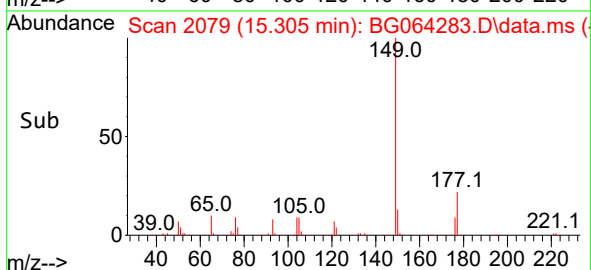
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

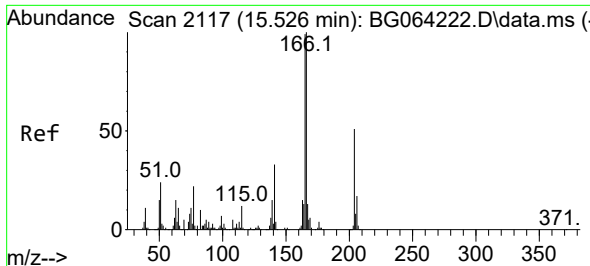


#60
Diethylphthalate
Concen: 43.318 ng
RT: 15.305 min Scan# 2079
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



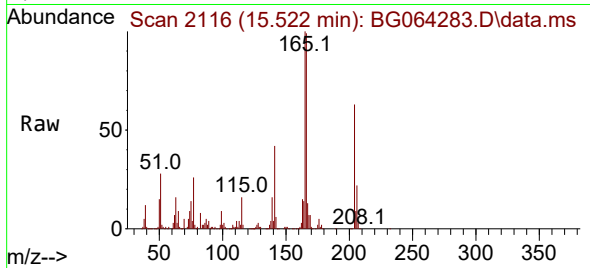
Tgt Ion:149 Resp: 331930
Ion Ratio Lower Upper
149 100
177 22.2 17.5 26.3
150 13.0 9.9 14.9





#61
4-Chlorophenyl-phenylether
Concen: 46.145 ng
RT: 15.522 min Scan# 2116
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

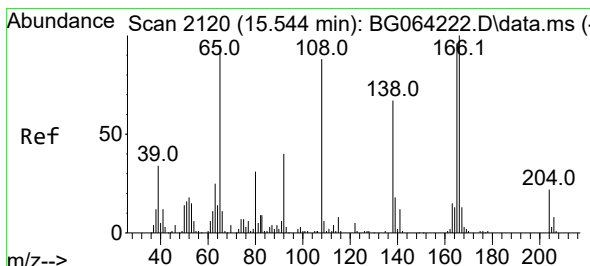
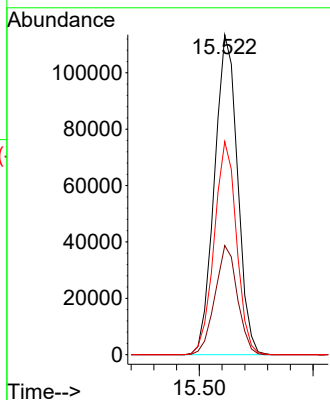
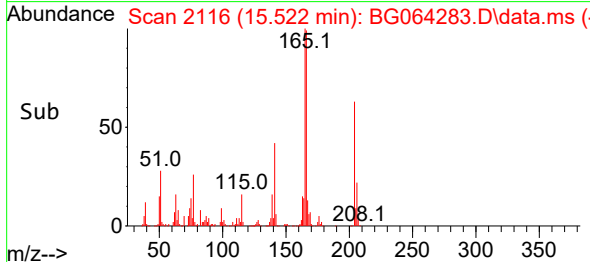
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



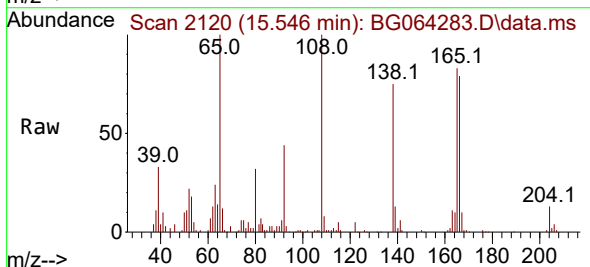
Tgt Ion:204 Resp: 160268
Ion Ratio Lower Upper
204 100
206 34.1 26.2 39.4
141 66.6 51.9 77.9

Manual Integrations
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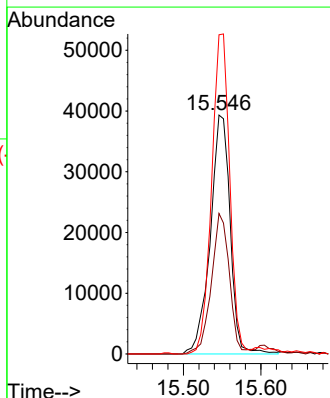
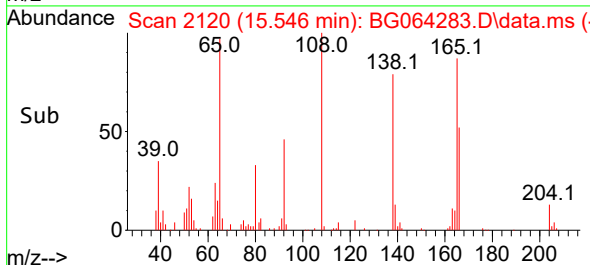
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

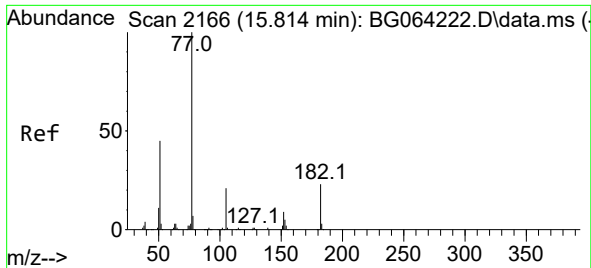


#62
4-Nitroaniline
Concen: 47.278 ng
RT: 15.546 min Scan# 2120
Delta R.T. -0.010 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



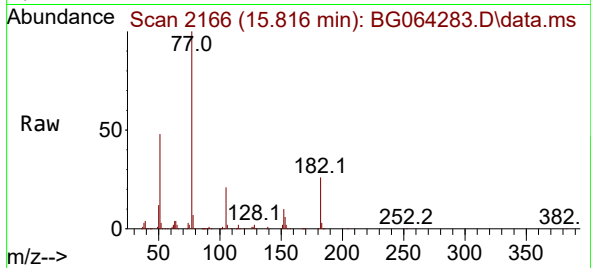
Tgt Ion:138 Resp: 70046
Ion Ratio Lower Upper
138 100
92 58.8 39.1 79.1
108 133.7 111.3 151.3





#63
Azobenzene
Concen: 49.282 ng
RT: 15.816 min Scan# 2166
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

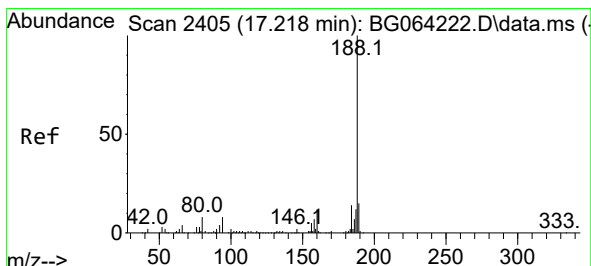
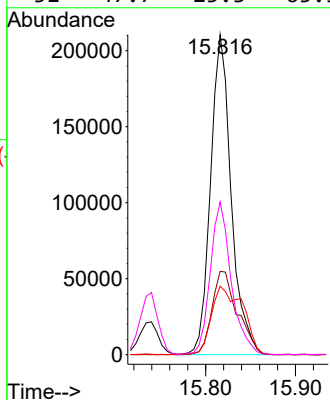
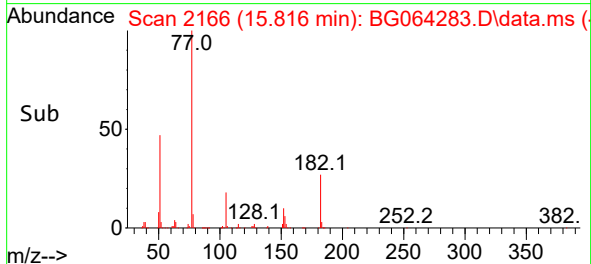
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



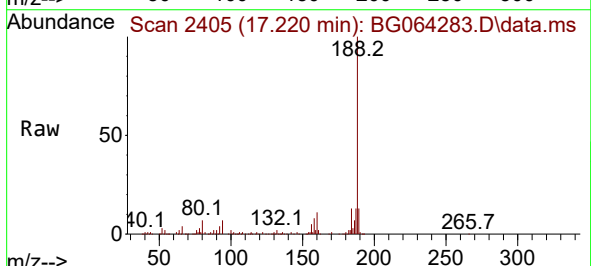
Tgt Ion: 77 Resp: 33657
Ion Ratio Lower Upper
77 100
182 26.1 3.3 43.3
105 21.4 0.6 40.6
51 47.7 25.3 65.3

Manual Integrations
APPROVED

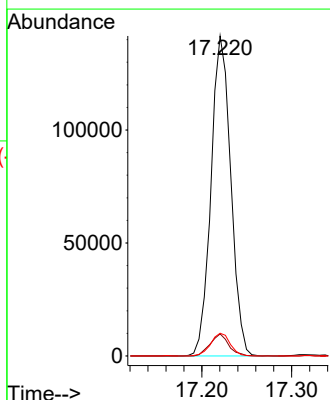
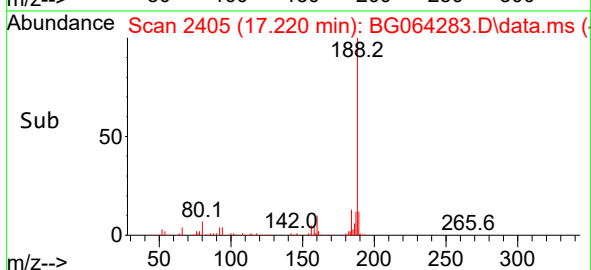
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

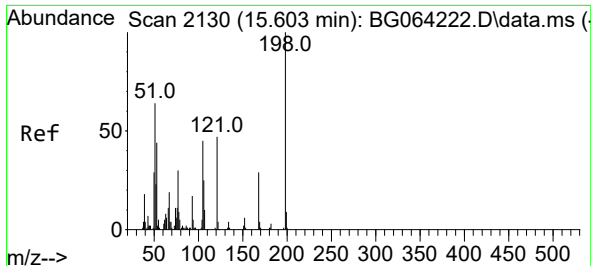


#64
Phenanthrene-d10
Concen: 20.000 ng
RT: 17.220 min Scan# 2405
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



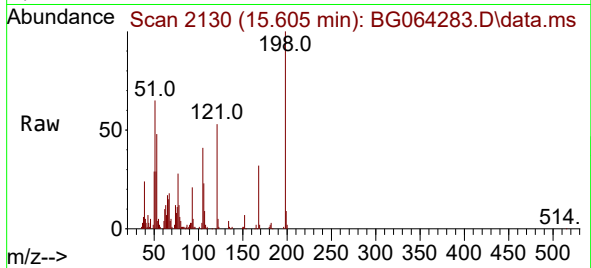
Tgt Ion:188 Resp: 216727
Ion Ratio Lower Upper
188 100
94 6.9 6.2 9.4
80 7.1 6.8 10.2





#65
4,6-Dinitro-2-methylphenol
Concen: 55.173 ng
RT: 15.605 min Scan# 2130
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

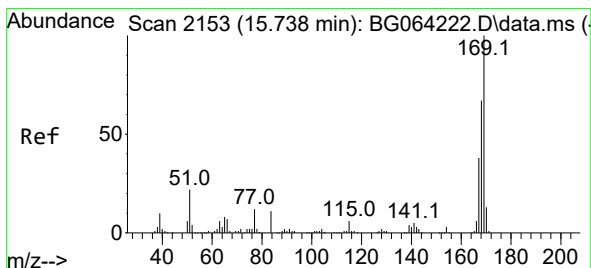
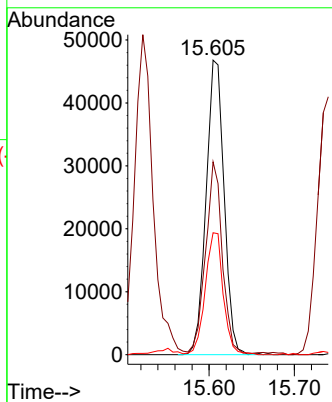
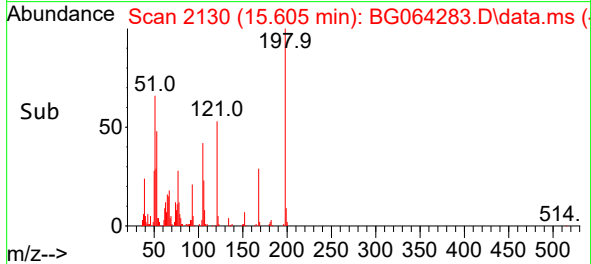
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion:198 Resp: 6865
Ion Ratio Lower Upper
198 100
51 65.4 46.2 86.2
105 41.4 25.0 65.0

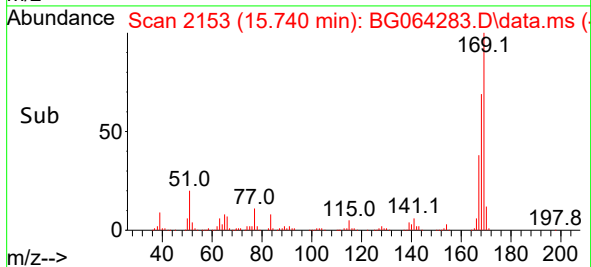
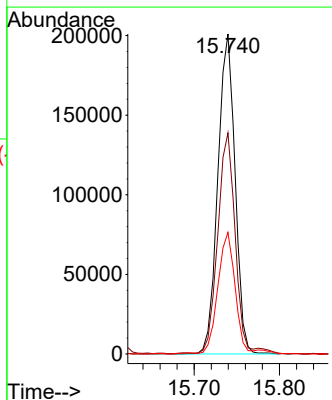
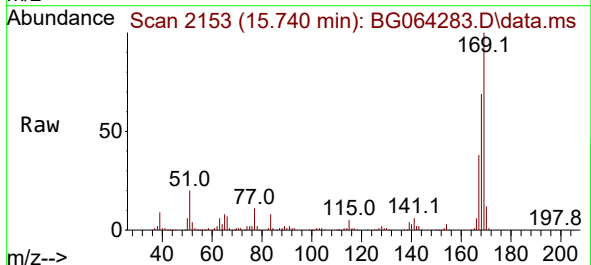
Manual Integrations
APPROVED

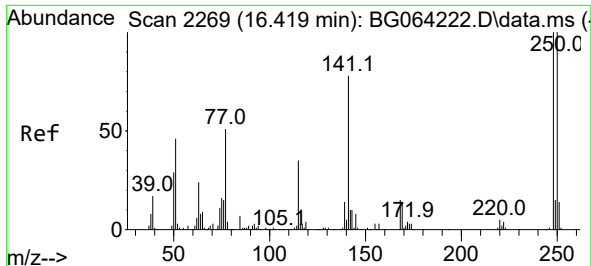
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#66
n-Nitrosodiphenylamine
Concen: 47.370 ng
RT: 15.740 min Scan# 2153
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

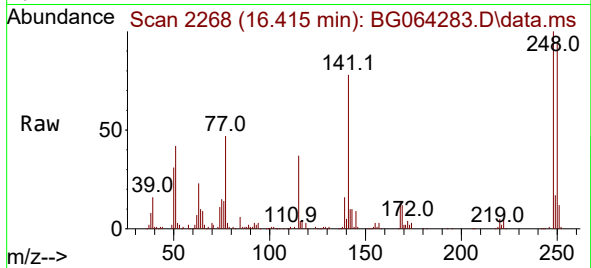
Tgt Ion:169 Resp: 282417
Ion Ratio Lower Upper
169 100
168 69.1 53.8 80.8
167 38.0 30.2 45.2





#67
4-Bromophenyl-phenylether
Concen: 48.501 ng
RT: 16.415 min Scan# 211
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

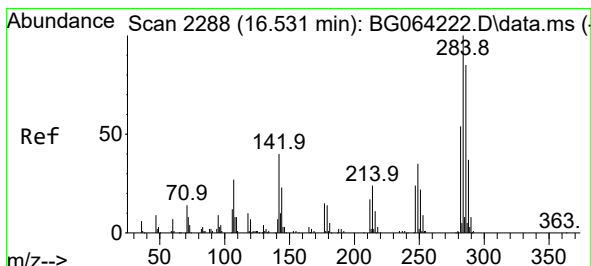
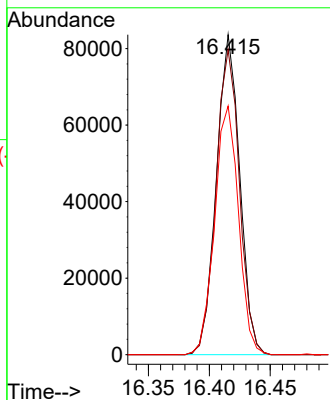
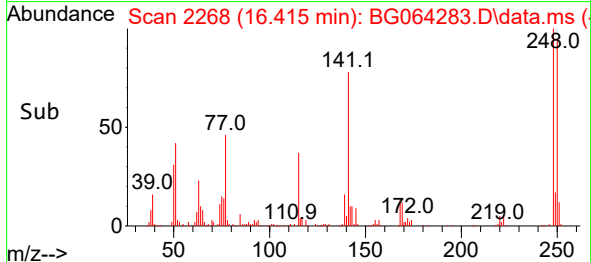
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



Tgt Ion:248 Resp: 111649
Ion Ratio Lower Upper
248 100
250 95.2 80.2 120.4
141 77.7 62.4 93.6

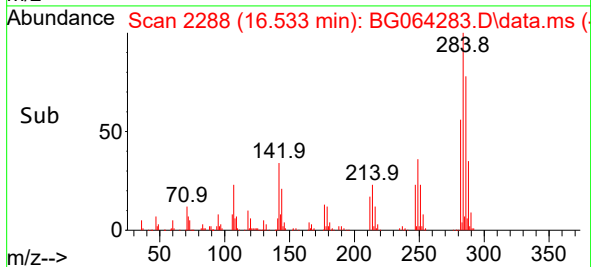
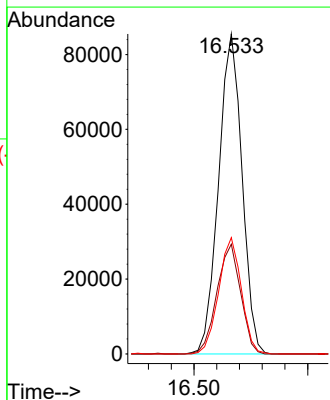
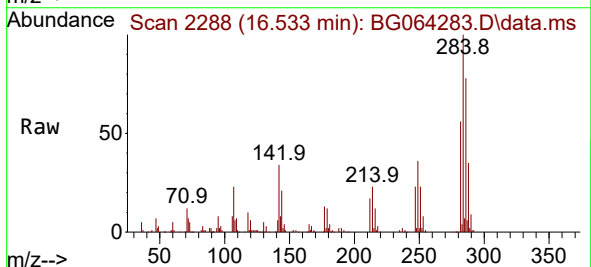
Manual Integrations
APPROVED

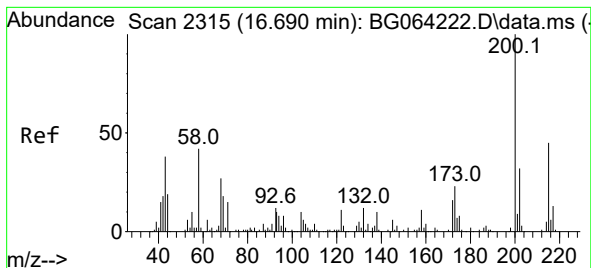
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#68
Hexachlorobenzene
Concen: 47.938 ng
RT: 16.533 min Scan# 2288
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion:284 Resp: 122542
Ion Ratio Lower Upper
284 100
142 34.3 32.1 48.1
249 36.4 28.3 42.5





#69

Atrazine

Concen: 48.043 ng

RT: 16.692 min Scan# 21

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion:200 Resp: 11959

Ion Ratio Lower Upper

200 100

173 22.9 3.5 43.5

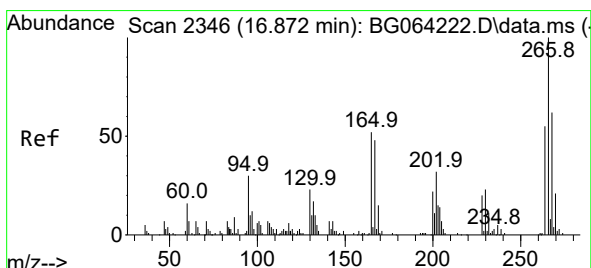
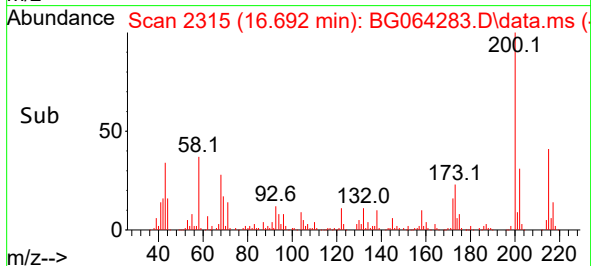
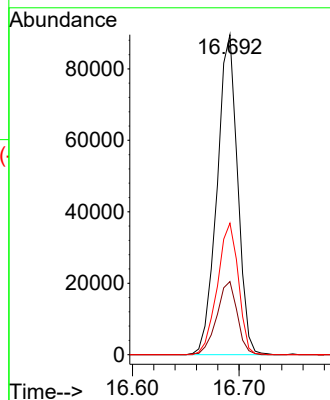
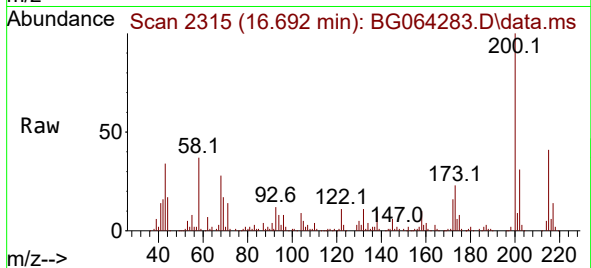
215 41.1 24.8 64.8

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#70

Pentachlorophenol

Concen: 109.924 ng

RT: 16.874 min Scan# 2346

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

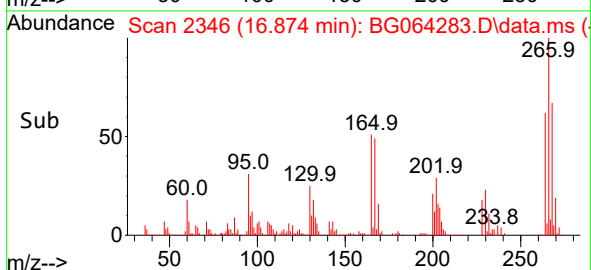
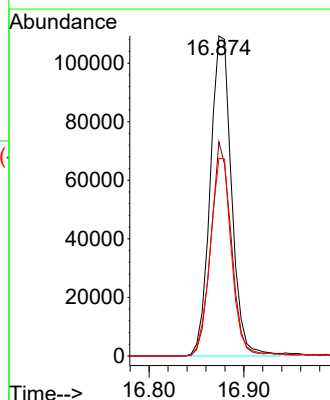
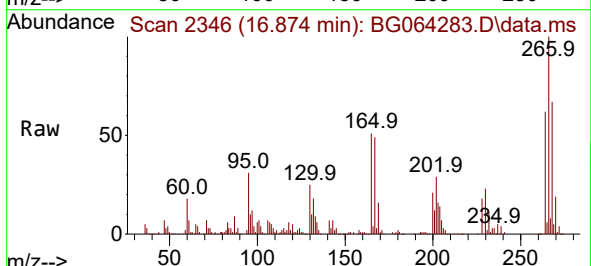
Tgt Ion:266 Resp: 170377

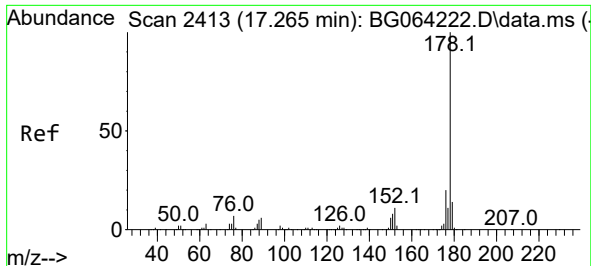
Ion Ratio Lower Upper

266 100

268 66.9 49.4 74.0

264 61.8 44.3 66.5





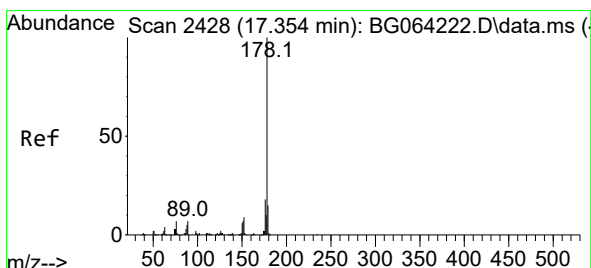
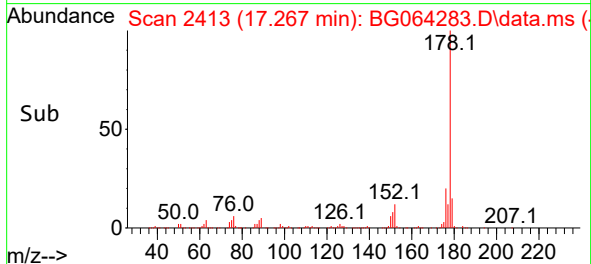
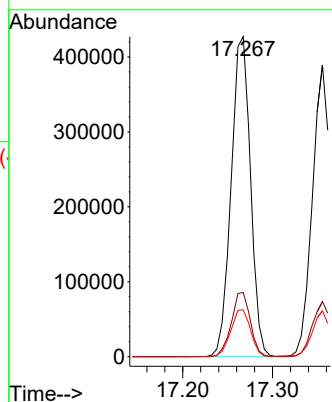
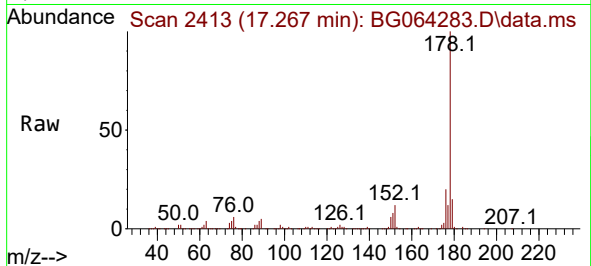
#71
Phenanthrene
Concen: 55.806 ng
RT: 17.267 min Scan# 2413
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Tgt Ion:178 Resp: 637905
Ion Ratio Lower Upper
178 100
176 20.0 15.9 23.9
179 14.6 11.4 17.2

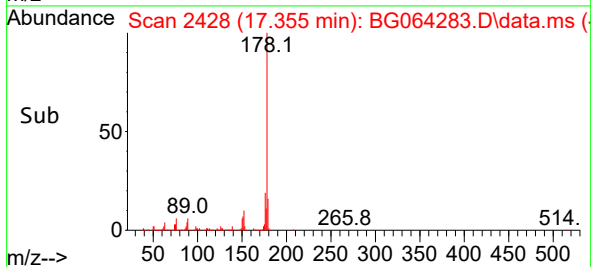
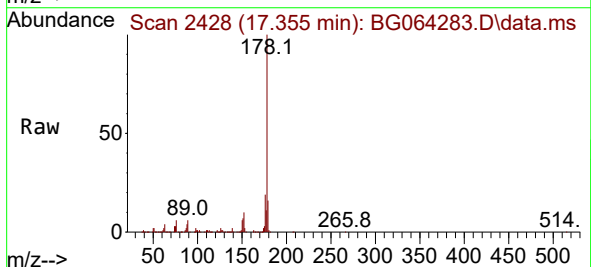
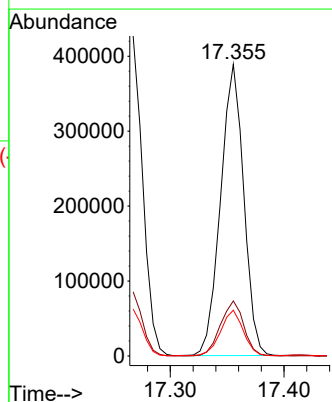
Manual Integrations
APPROVED

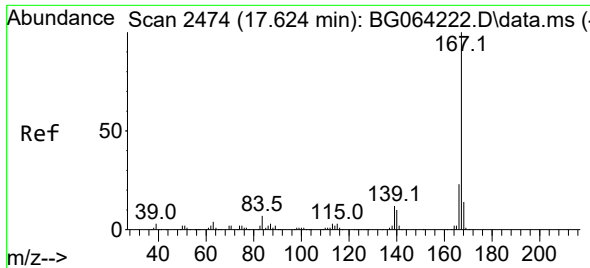
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#72
Anthracene
Concen: 47.258 ng
RT: 17.355 min Scan# 2428
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

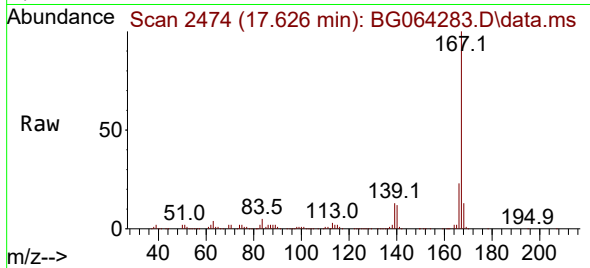
Tgt Ion:178 Resp: 549505
Ion Ratio Lower Upper
178 100
176 18.9 14.7 22.1
179 15.7 12.1 18.1





#73
 Carbazole
 Concen: 47.427 ng
 RT: 17.626 min Scan# 2474
 Delta R.T. 0.002 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01

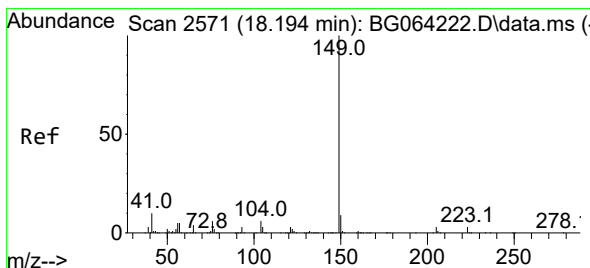
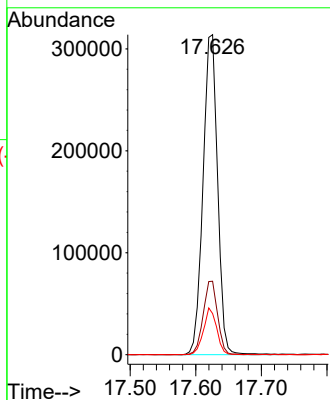
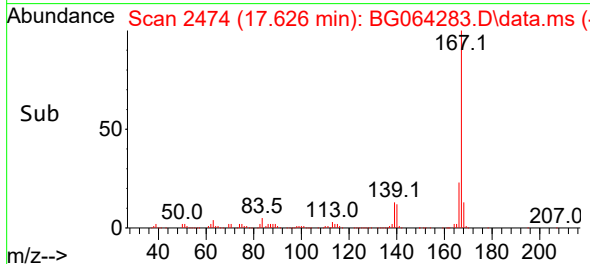
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231MS



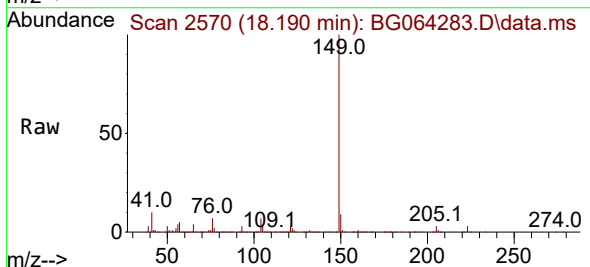
Tgt Ion:167 Resp: 48580
 Ion Ratio Lower Upper
 167 100
 166 23.0 18.2 27.2
 139 12.9 9.8 14.6

Manual Integrations
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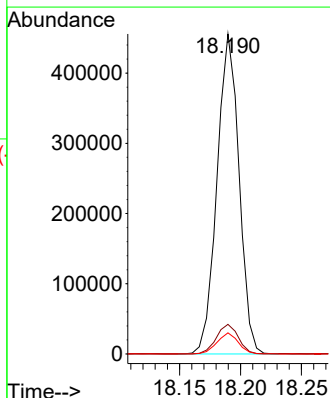
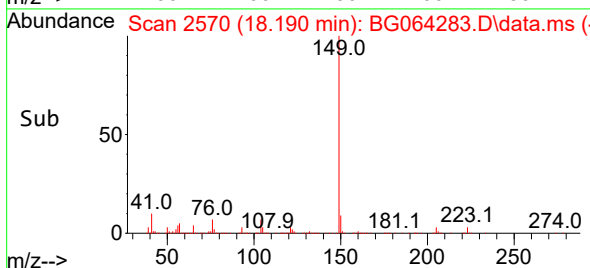
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025

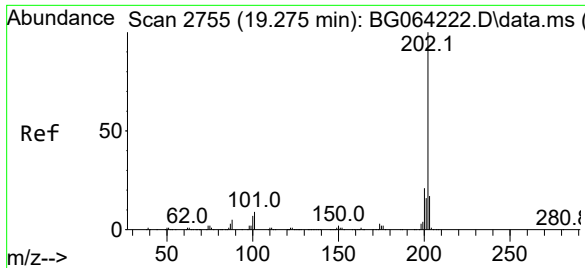


#74
 Di-n-butylphthalate
 Concen: 46.584 ng
 RT: 18.190 min Scan# 2570
 Delta R.T. -0.004 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01



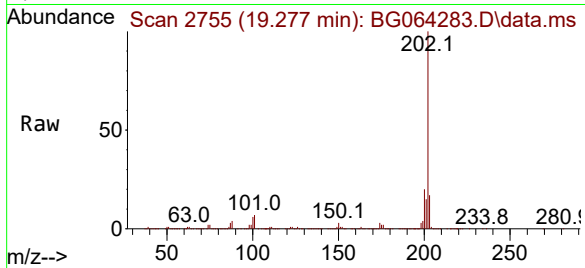
Tgt Ion:149 Resp: 573286
 Ion Ratio Lower Upper
 149 100
 150 9.3 7.5 11.3
 104 6.6 4.6 7.0





#75
Fluoranthene
Concen: 61.909 ng
RT: 19.277 min Scan# 21
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

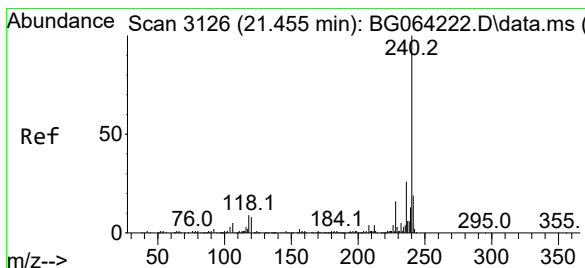
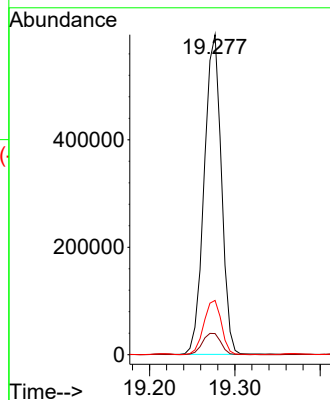
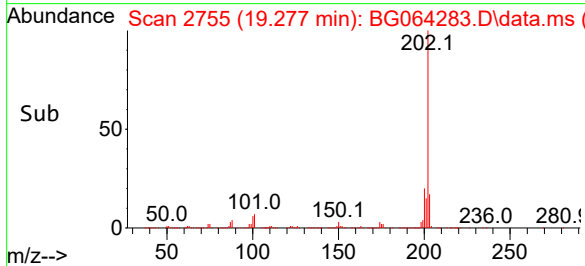
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



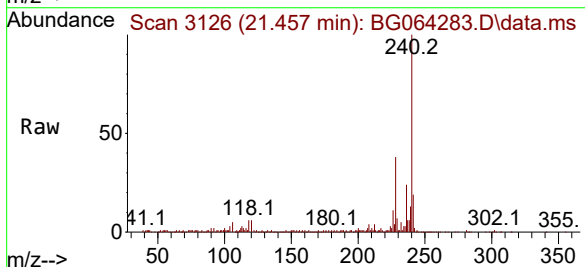
Tgt Ion:202 Resp: 832099
Ion Ratio Lower Upper
202 100
101 6.6 0.0 28.7
203 17.0 0.0 36.9

Manual Integrations
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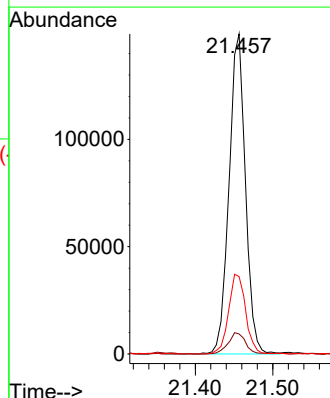
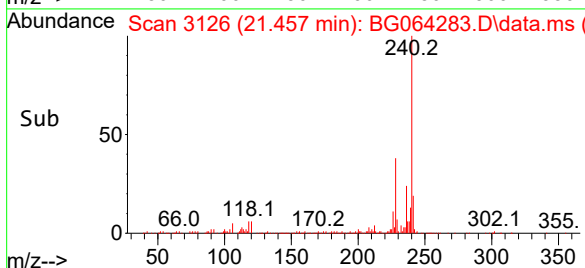
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

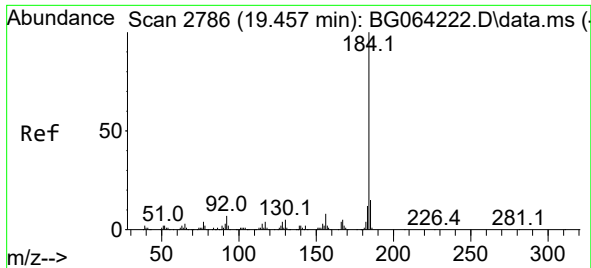


#76
Chrysene-d12
Concen: 20.000 ng
RT: 21.457 min Scan# 3126
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



Tgt Ion:240 Resp: 219333
Ion Ratio Lower Upper
240 100
120 6.3 6.2 9.4
236 24.2 20.5 30.7





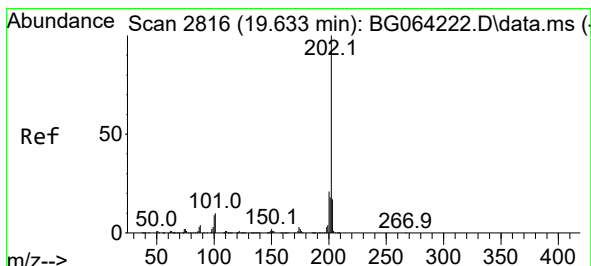
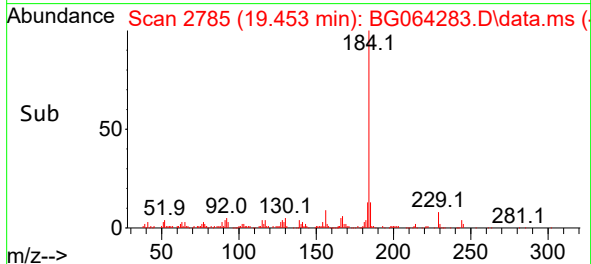
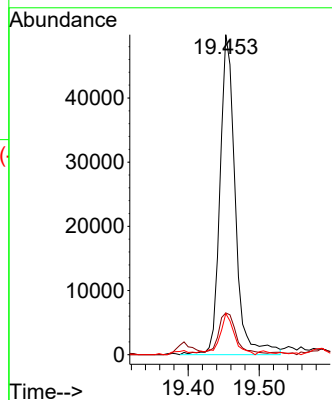
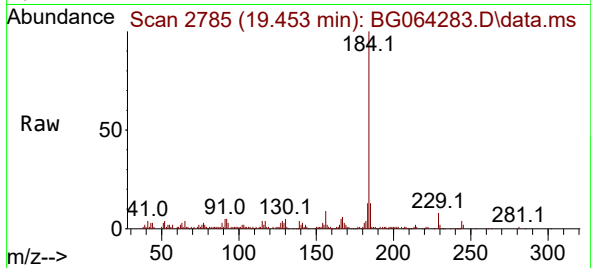
#77
Benzidine
Concen: 16.108 ng
RT: 19.453 min Scan# 21
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Instrument :
BNA_G
ClientSampleId :
VNJ-231MS

Tgt Ion:184 Resp: 7432
Ion Ratio Lower Upper
184 100
185 13.0 11.7 17.5
183 12.8 9.7 14.5

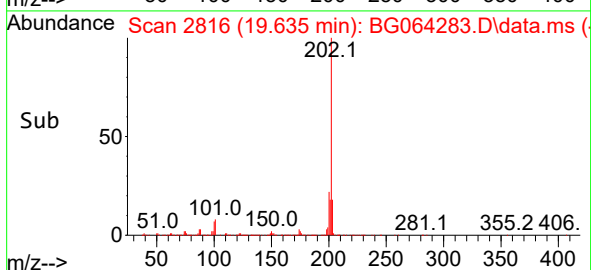
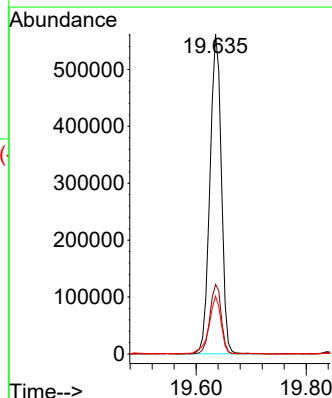
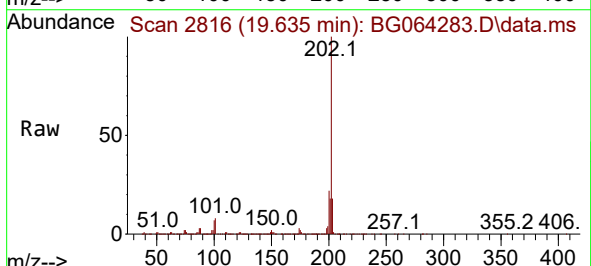
Manual Integrations
APPROVED

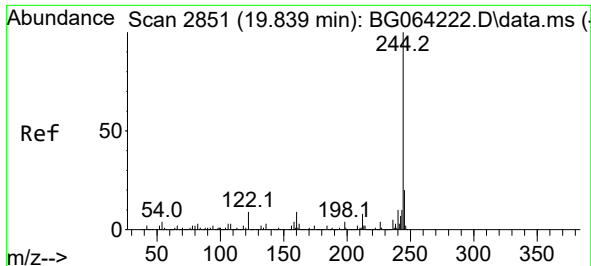
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025



#78
Pyrene
Concen: 58.446 ng
RT: 19.635 min Scan# 2816
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

Tgt Ion:202 Resp: 807627
Ion Ratio Lower Upper
202 100
200 21.7 16.9 25.3
203 18.0 13.8 20.8





#79
 Terphenyl-d14
 Concen: 90.093 ng
 RT: 19.841 min Scan# 2851
 Delta R.T. -0.004 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

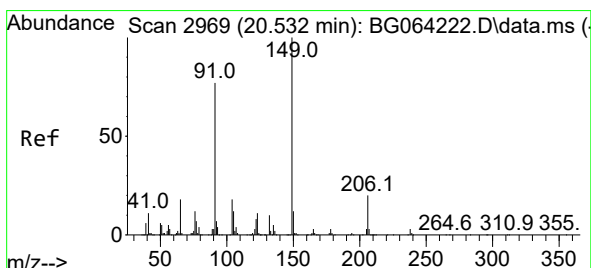
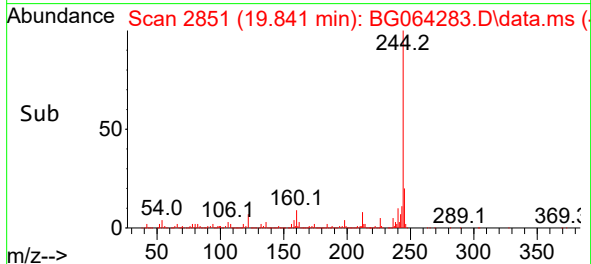
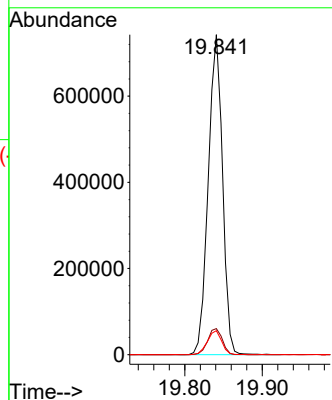
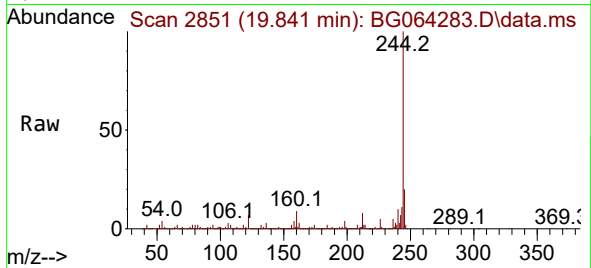
VNJ-231MS

Tgt Ion:244 Resp: 947120
 Ion Ratio Lower Upper
 244 100
 212 8.2 6.6 10.0
 122 7.5 7.0 10.6

Manual Integrations

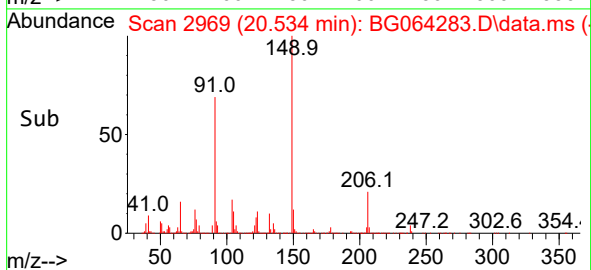
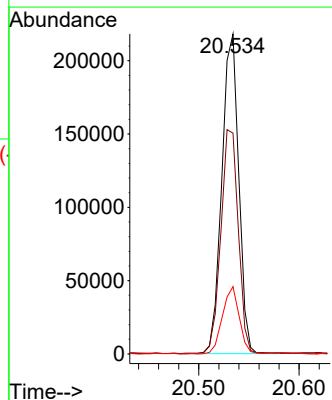
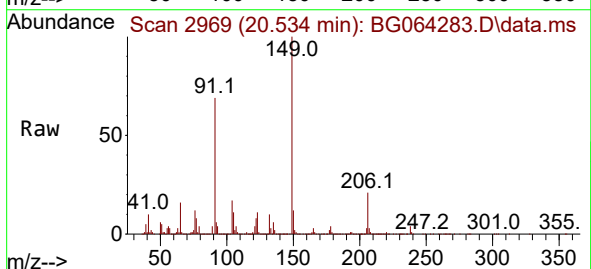
APPROVED

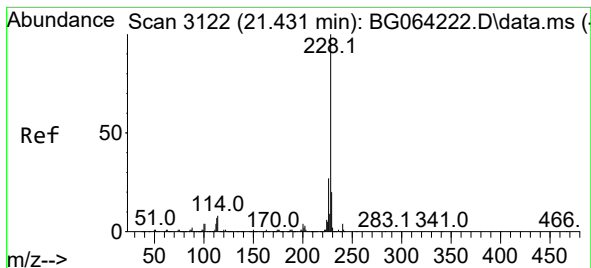
Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#80
 Butylbenzylphthalate
 Concen: 48.864 ng
 RT: 20.534 min Scan# 2969
 Delta R.T. 0.002 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01

Tgt Ion:149 Resp: 254673
 Ion Ratio Lower Upper
 149 100
 91 69.0 61.4 92.0
 206 21.1 15.8 23.6





#81

Benzo(a)anthracene

Concen: 54.613 ng

RT: 21.433 min Scan# 3122

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion:228 Resp: 76632

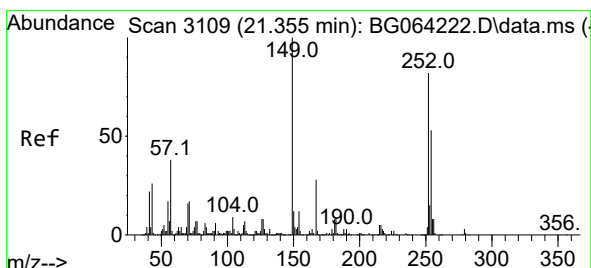
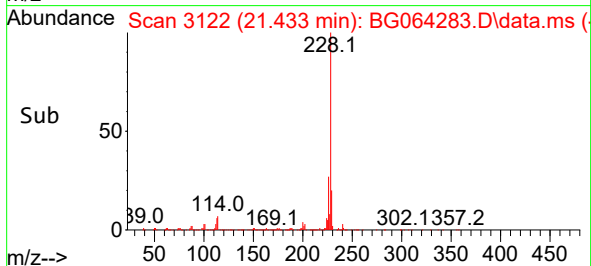
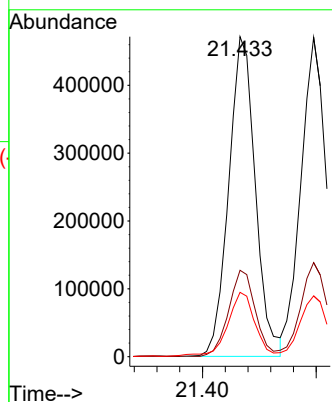
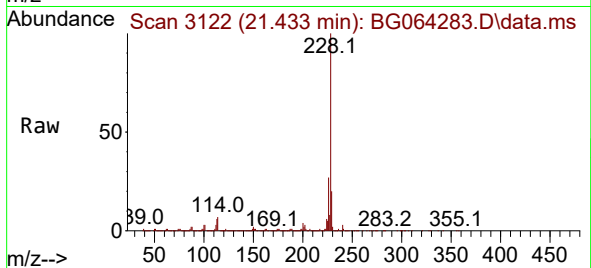
Ion	Ratio	Lower	Upper
228	100		
226	27.0	21.7	32.5
229	20.1	15.9	23.9

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#82

3,3'-Dichlorobenzidine

Concen: 16.040 ng

RT: 21.351 min Scan# 3108

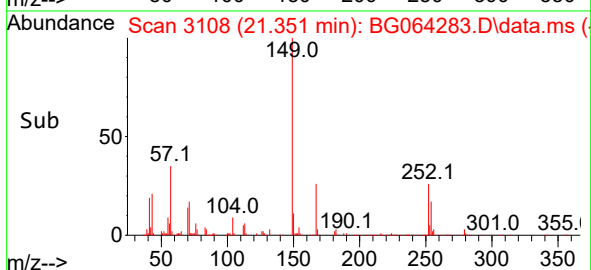
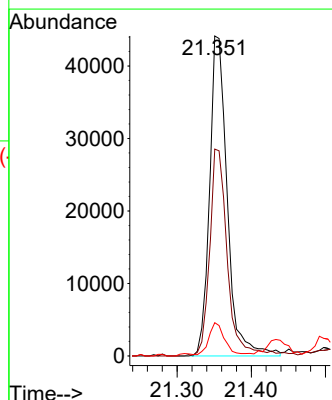
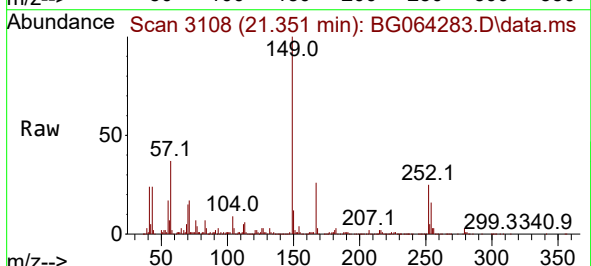
Delta R.T. -0.010 min

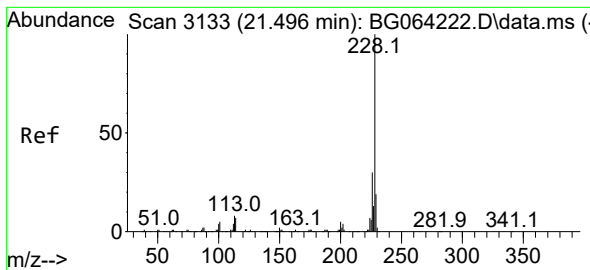
Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Tgt Ion:252 Resp: 73303

Ion	Ratio	Lower	Upper
252	100		
254	64.7	51.9	77.9
126	10.4	7.6	11.4





#83

Chrysene

Concen: 53.753 ng

RT: 21.498 min Scan# 3133

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion:228 Resp: 72411

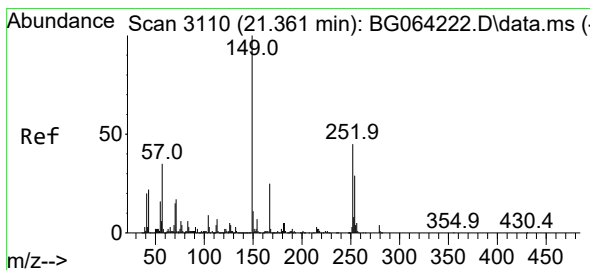
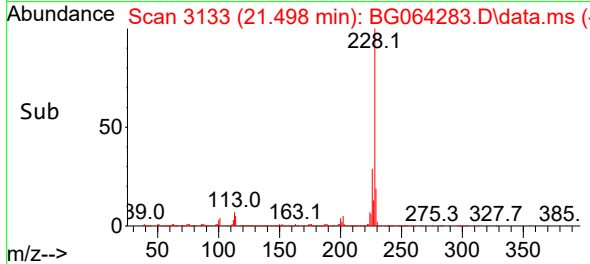
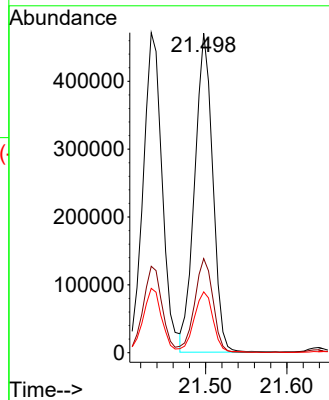
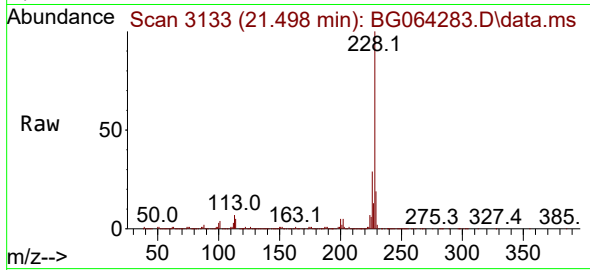
Ion	Ratio	Lower	Upper
228	100		
226	29.5	24.2	36.2
229	19.0	15.4	23.2

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#84

Bis(2-ethylhexyl)phthalate

Concen: 48.098 ng

RT: 21.363 min Scan# 3110

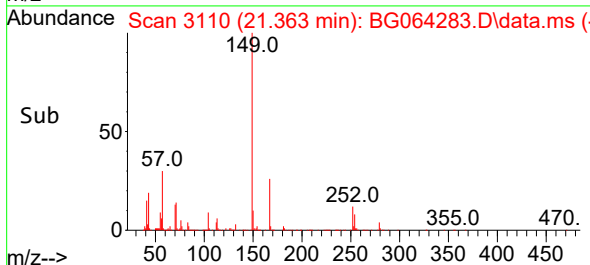
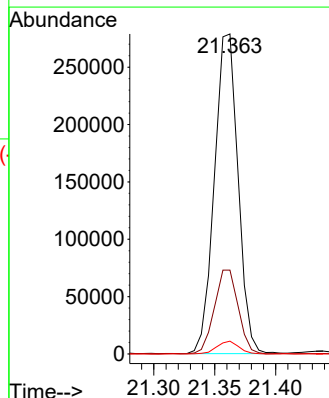
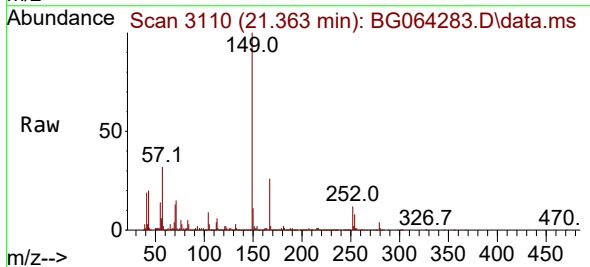
Delta R.T. -0.004 min

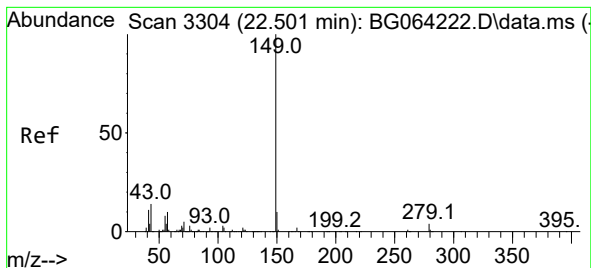
Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Tgt Ion:149 Resp: 376359

Ion	Ratio	Lower	Upper
149	100		
167	26.2	20.0	30.0
279	4.0	3.0	4.4





#85

Di-n-octyl phthalate

Concen: 48.206 ng

RT: 22.502 min Scan# 31

Delta R.T. -0.004 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

Tgt Ion:149 Resp: 657250

Ion Ratio Lower Upper

149 100

167 1.8 1.3 1.9

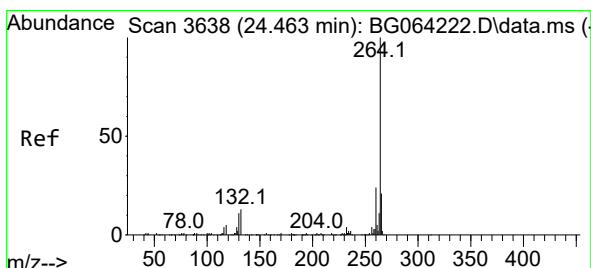
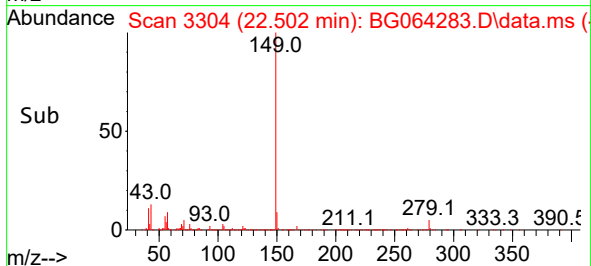
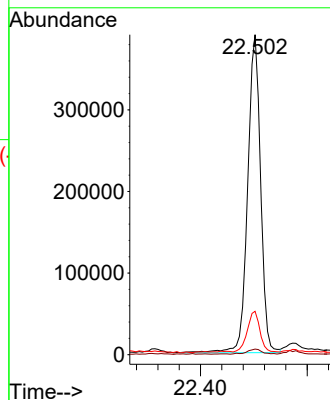
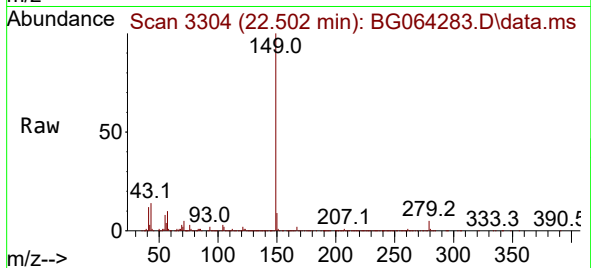
43 12.3 10.8 16.2

Manual Integrations

APPROVED

Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#86

Perylene-d12

Concen: 20.000 ng

RT: 24.465 min Scan# 3638

Delta R.T. 0.002 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

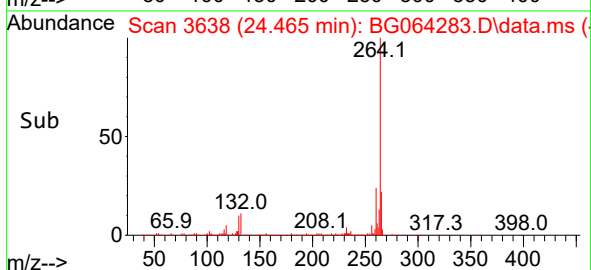
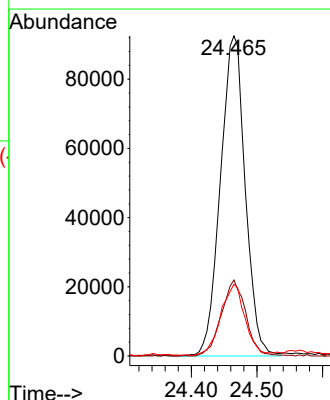
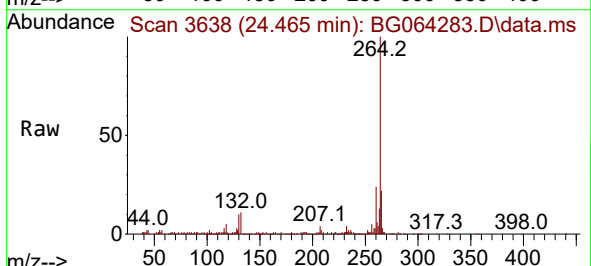
Tgt Ion:264 Resp: 242390

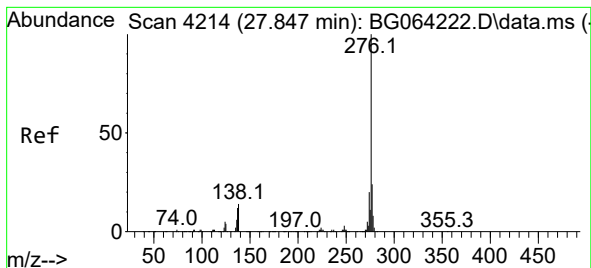
Ion Ratio Lower Upper

264 100

260 23.7 18.9 28.3

265 22.4 16.7 25.1





#87

Indeno(1,2,3-cd)pyrene

Concen: 52.703 ng

RT: 27.873 min Scan# 4214

Delta R.T. 0.002 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

Instrument :

BNA_G

ClientSampleId :

VNJ-231MS

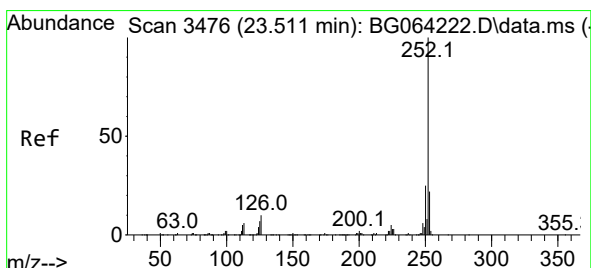
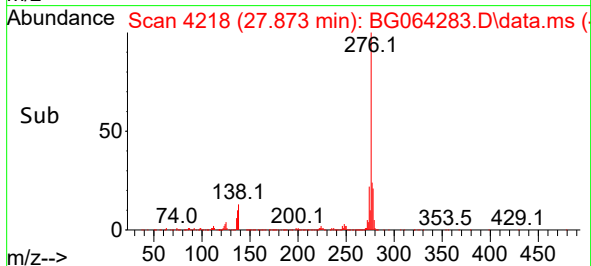
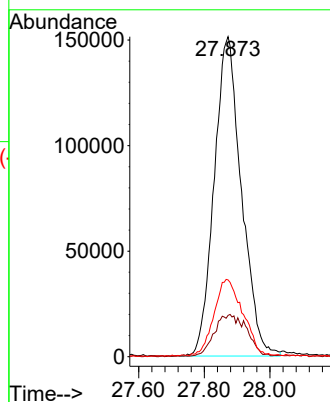
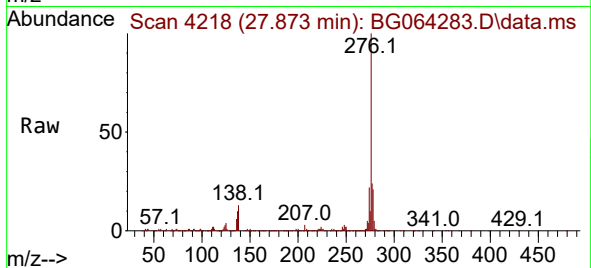
Tgt Ion:276 Resp: 872395
 Ion Ratio Lower Upper
 276 100
 138 11.9 7.4 11.0
 277 24.8 20.5 30.7

Manual Integrations

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Reviewed By :Rahul Chavli 09/05/2025

Supervised By :Jagrut Upadhyay 09/05/2025



#88

Benzo(b)fluoranthene

Concen: 57.662 ng

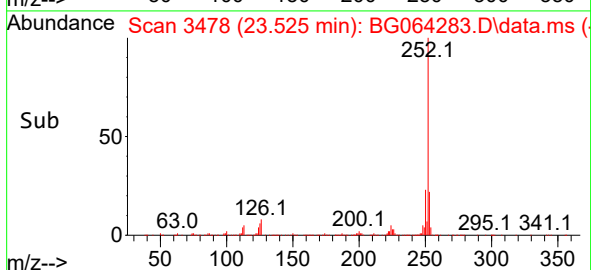
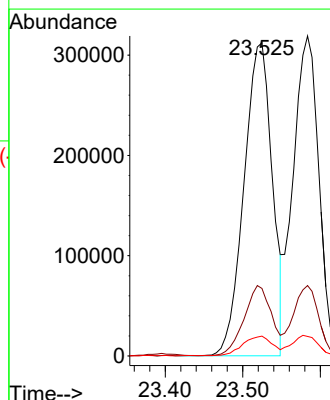
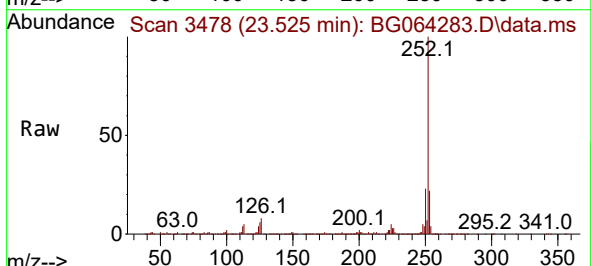
RT: 23.525 min Scan# 3478

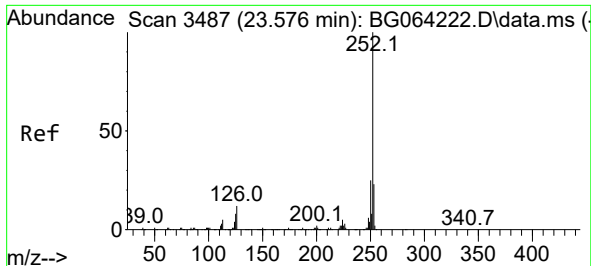
Delta R.T. 0.007 min

Lab File: BG064283.D

Acq: 4 Sep 2025 15:01

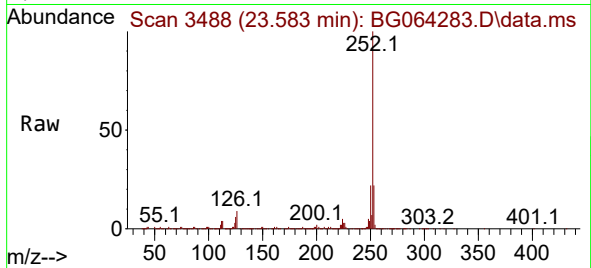
Tgt Ion:252 Resp: 788825
 Ion Ratio Lower Upper
 252 100
 253 21.6 17.5 26.3
 125 6.3 5.9 8.9





#89
Benzo(k)fluoranthene
Concen: 52.899 ng
RT: 23.583 min Scan# 3487
Delta R.T. -0.004 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01

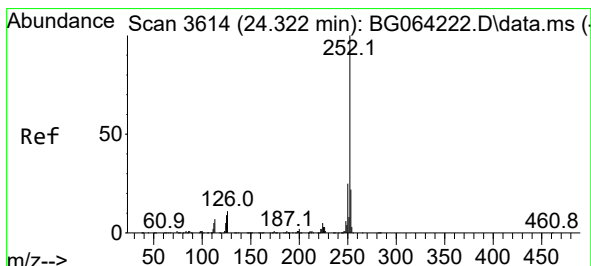
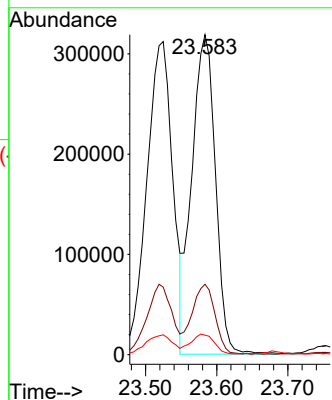
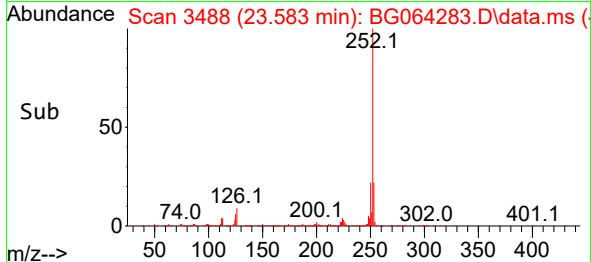
Instrument :
BNA_G
ClientSampleId :
VNJ-231MS



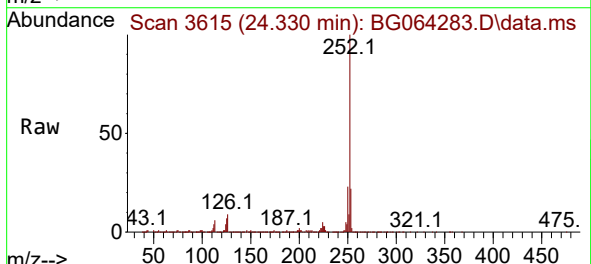
Tgt Ion:252 Resp: 737250
Ion Ratio Lower Upper
252 100
253 22.0 18.2 27.4
125 6.1 7.0 10.4

Manual Integrations
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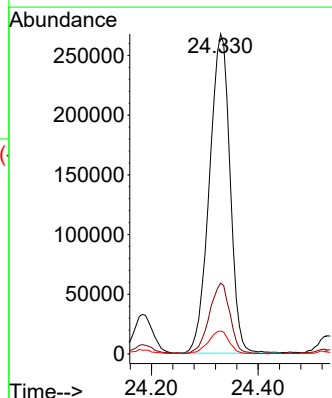
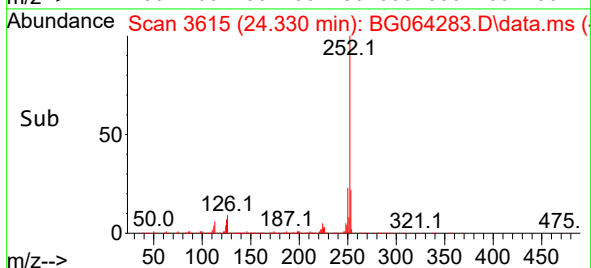
Reviewed By :Rahul Chavli 09/05/2025
Supervised By :Jagrut Upadhyay 09/05/2025

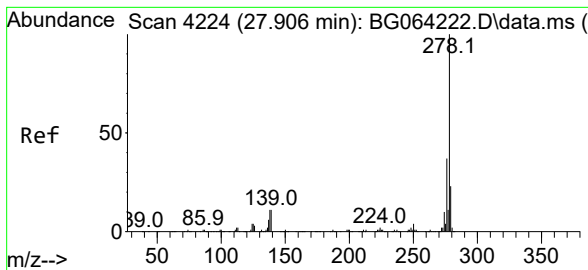


#90
Benzo(a)pyrene
Concen: 56.373 ng
RT: 24.330 min Scan# 3615
Delta R.T. 0.002 min
Lab File: BG064283.D
Acq: 4 Sep 2025 15:01



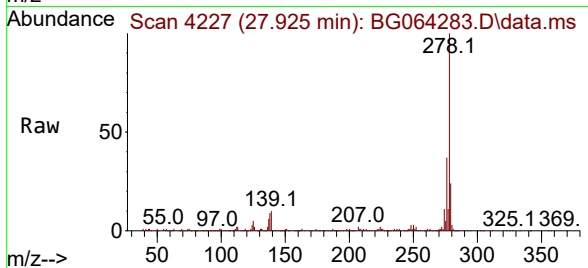
Tgt Ion:252 Resp: 717378
Ion Ratio Lower Upper
252 100
253 22.2 17.4 26.2
125 7.2 7.0 10.6





#91
 Dibenzo(a,h)anthracene
 Concen: 49.867 ng
 RT: 27.925 min Scan# 41
 Delta R.T. 0.002 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01

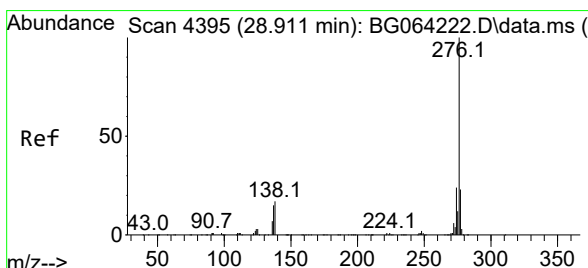
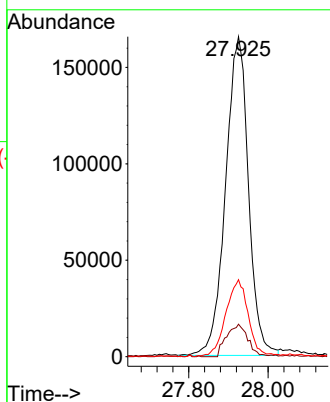
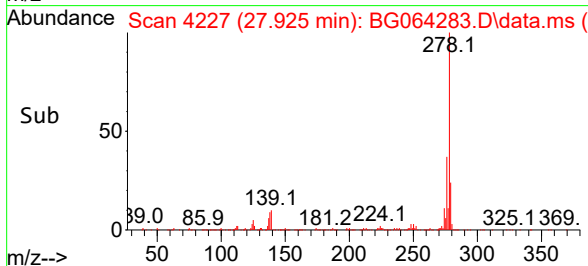
Instrument :
 BNA_G
 ClientSampleId :
 VNJ-231MS



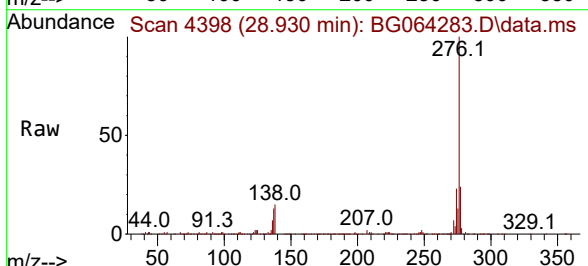
Tgt Ion:278 Resp: 66276
 Ion Ratio Lower Upper
 278 100
 139 10.2 9.0 13.4
 279 24.0 18.8 28.2

Manual Integrations
 APPROVED

Reviewed By :Rahul Chavli 09/05/2025
 Supervised By :Jagrut Upadhyay 09/05/2025



#92
 Benzo(g,h,i)perylene
 Concen: 54.435 ng
 RT: 28.930 min Scan# 4398
 Delta R.T. -0.004 min
 Lab File: BG064283.D
 Acq: 4 Sep 2025 15:01



Tgt Ion:276 Resp: 703986
 Ion Ratio Lower Upper
 276 100
 277 24.4 18.2 27.4
 138 14.5 13.3 19.9

